SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	5	7	9	11	21	22	23	62	74	86	99	100	01/NHS/BR						
																		ROADWAY	
			LS										LS	201	11000	LS		CLEARING AND GRUBBING	
					1,483								1,483	202	23000	1,483	SY	PAVEMENT REMOVED	
					117								117	202	35100	117	FT	PIPE REMOVED, 24" AND UNDER	
						2,272							2,272	202	38000	2,272	FT	GUARDRAIL REMOVED	
						70							70	202	75000	70	FT	FENCE REMOVED	
					718								718	203	10000	718	CY	EXCAVATION	
					82								82	203	20000	82	CY	EMBANKMENT	
					1,911								1,911	204	10000	1,911	SY	SUBGRADE COMPACTION	
						1,356							1,356	606	15050	1,356	FT	GUARDRAIL, TYPE MGS	
						9							9	606	26150	9	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
						1							1	606	26551	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T, AS PER PLAN	10
						10							10	606	34600	10	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE TST-2	
						2							2	606	34601	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE TST-2, AS PER PLAN	10
											3		3	623	38500	3	EACH	MONUMENT ASSEMBLY, TYPE C	
												1	1	623	40520	1	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
						1							1	SPECIAL	69050100	1	EACH	MAILBOX SUPPORT SYSTEM, SINGLE	10
																		EROSION CONTROL	
			230										230	659	00300	230	CY	TOPSOIL	
			2,069										2,069	659	10000	2,069	SY	SEEDING AND MULCHING	
			103										103	659	14000	103	SY	REPAIR SEEDING AND MULCHING	
			103										103	659	15000	103	SY	INTER-SEEDING	
			0.28										0.28	659	20000	0.28	TON	COMMERCIAL FERTILIZER	
			0.43										0.43	659	31000	0.43	ACRE	LIME	
			12										12	659	35000	12	MGAL	WATER	
													LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
													5,000	832	30000	5,000	EACH	EROSION CONTROL	
																		DRAINAGE	
					229								229	601	32100	229	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	
					0.6								0.6	602	20000	0.6	CY	CONCRETE MASONRY	
23	25	71											119	605	31100	119	FT	AGGREGATE DRAINS	
					100								100	611	06100	100	FT	15" CONDUIT, TYPE C	
					13								13	611	07600	13	FT	18" CONDUIT, TYPE C	
																		PAVEMENT	
					210								210	255	20000	210	FT	FULL DEPTH PAVEMENT SAWING	
					445								445	301	56000	445	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
					346								346	304	20000	346	CY	AGGREGATE BASE	
					203								203	407	10000	203	GAL	TACK COAT	
					147								147	441	70000	147	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
																		TRAFFIC CONTROL	
						39							39	626	00110	39	EACH	BARRIER REFLECTOR, TYPE 2	
						3							3	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
						3							3	630	86010	3	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
						0.76							0.76	642	00104	0.76	MILE	EDGE LINE, 6", TYPE 1	
						0.38							0.38	642	00300	0.38	MILE	CENTER LINE, TYPE 1	
																		STRUCTURE OVER 20 FOOT SPAN (MED-18-0172/0193/0242)	
								LS	LS	LS			LS	202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	
								80	80	80			240	202	22900	240	SY	APPROACH SLAB REMOVED	
								80	259	259			598	202	23500	598	SY	WEARING COURSE REMOVED	
								LS	LS	LS			LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
								~~374~~	~~286~~	~~184~~			~~844~~	~~503~~	~~21100~~	~~844~~	~~CY~~	~~UNCLASSIFIED EXCAVATION~~	
								LS	LS	LS			LS	503	21303	LS		UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN	62,74,86
								~~152~~	~~182~~	~~135~~			~~469~~	~~503~~	~~31120~~	~~469~~	~~CY~~	~~SHALE EXCAVATION~~	
								33,835	29,209	26,841			89,885	509	10000	89,885	LB	EPOXY COATED STEEL REINFORCEMENT	
								90	81	84			255	511	34410	255	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE	
								333	285	189			807	511	43512	807	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
								202	187	138			527	512	10100	527	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	

REV. BY	DATE	DESCRIPTION
BSM	8-8-23	REVISED EXCAVATION PAY ITEM
BSM	7-12-23	REVISED ITEM 301 QUANTITY
DATE COMPLETED		08-08-2023

CALCULATED BSM CHECKED JBD

GENERAL SUMMARY

MED-18-(1.71)(1.92)(2.41)

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

AS-1-15 REVISED 7/17/2015
AS-2-15 REVISED 1/18/2019
DS-1-92 REVISED 7/15/2022
PCB-91 REVISED 07/17/2020
SB-1-08 REVISED 1/15/2021
TST-2-21 DATED 7/16/2021

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

LOAD MODIFIER FOR OPERATIONAL IMPORTANCE

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN LOADING

HL-93 WITH FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA

THE FOLLOWING DESIGN DATA IS ASSUMED:
CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)
CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.0 KSI (DRILLED SHAFT)
EPOXY COATED REINFORCING STEEL - MINIMUM YIELD STRENGTH 60 KSI

MONOLITHIC WEARING SURFACE

MONOLTHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DRILLED SHAFTS

THE MAXIMUM FACTORED LOAD TO BE SUPPORTED BY EACH DRILLED SHAFT IS 132 KIPS. THIS LOAD IS RESISTED BY SIDE RESISTANCE WITHIN A PORTION OF THE BEDROCK SOCKET AND BY TIP RESISTANCE. THE FACTORED RESISTANCE DEVELOPED BY SIDE RESISTANCE IS 0 KIPS, ASSUMED TOACT ALONG THE BOTTOM 5 FEET OF THE BEDROCK SOCKET.THE FACTORED RESISTANCE PROVIDED BY THE DRILLED SHAFT TIP IS 132 KIPS.

ITEM 503 - UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN

THIS ITEM IS TO PERFORM ALL EXCAVATION, INCLUDING EXCAVATION OF SHALE, TO THE LIMITS NECESSARY TO CONSTRUCT THE STRUCTURE AS PER THE DETAILS IN THE PLANS AND MEET THE REQUIREMENTS OF C&MS 503. THIS ITEM SHALL ALSO INCLUDE THE BACKFILL OF THE EXCAVATED AREAS PER C&MS 503.08.

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	GEN	ABUT	PIER	SUPER	SEE SHEET NO.
202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					10/114
202	22900	80	SY	APPROACH SLAB REMOVED	80				
202	23500	80	SY	WEARING COURSE REMOVED	80				
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
~~503~~	~~21100~~	~~374~~	~~CY~~	~~UNCLASSIFIED EXCAVATION~~	~~374~~				
503	21303	LS		UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN					2/12
~~503~~	~~31120~~	~~152~~	~~CY~~	~~SHALE EXCAVATION~~		~~152~~			
509	10000	33835	LB	EPOXY COATED REINFORCING STEEL		16179		17656	
511	33412	90	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE				90	
511	43512	333	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING		333			
512	10100	202	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		191		11	
516	13600	44	SF	1" PREFORMED EXPANSION JOINT FILLER				44	
516	14020	102	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL				102	
516	43200	12	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (11 3/4"x11 3/4"x2")				12	
517	70100	78	FT	RAILING (THREE STEEL TUBE BRIDGE RAILING)				78	
518	21200	200	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC		200			
SPECIAL	51822300	50	FT	STEEL DRIP STRIP				50	10/12
518	40000	202	FT	6" PERFORATED CORRUGATED PLASTIC PIPE		202			
518	40012	40	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE		40			
524	94804	140	FT	DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK		140			
526	30000	293	SY	REINFORCED CONCRETE APPROACH SLABS (T=17")	293				
526	90010	88	FT	TYPE A INSTALLATION	88				
613	41200	60	CY	LOW STRENGTH MORTAR BACKFILL		60			

ABBREVIATIONS

STA.	-	STATION	JT.	-	JOINT
F.A.	-	FORWARD ABUTMENT	C.J.	-	CONSTRUCTION JOINT
R.A.	-	REAR ABUTMENT	EF	-	EACH FACE
EL.	-	ELEVATION	STD. DWG.	-	STANDARD DRAWING
SPA.	-	SPACED	CLR.	-	CLEAR
PEJF	-	PREFORMED EXPANSION JOINT FILLER	T	-	TOP
F	-	FRONT	B	-	BOTTOM
B	-	BACK	LT.	-	LEFT
TYP.	-	TYPICAL	RT.	-	RIGHT
NPCPP	-	NON-PERFORATED CORRUGATED PLASTIC PIPE	N.F.	-	NEAR FACE
PCPP	-	PERFORATED CORRUGATED PLASTIC PIPE	F.F.	-	FAR FACE
PROP.	-	PROPOSED	BRG.	-	BEARING
CONST.	-	CONSTRUCTION			
EX.	-	EXISTING			

BSM	8-8-23	REVISED EXCAVATION PAY ITEM
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		08-08-2023

DESIGN AGENCY
FISHBECK
28366 KENSINGTON LANE, SUITE 3
PERRYSBURG, OHIO 43551
PHONE:(419) 841-4704 FAX:(419) 841-2979

REVIEWED EEC | DATE 1-20-23 | STRUCTURE FILE NUMBER 5200483
DRAWN BSM | REVISED
DESIGNED BSM | CHECKED JBD

GENERAL NOTES AND ESTIMATED QUANTITIES

BRIDGE NO. MED-18-0172
SR 18 OVER CENTER CREEK

MED-18-(1.71)(1.92)
(2.41)
PID No. 88876

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

AS-1-15 REVISED 7/17/2015
AS-2-15 REVISED 1/18/2019
DS-1-92 REVISED 7/15/2022
PCB-91 REVISED 07/17/2020
SB-1-08 REVISED 1/15/2021
TST-2-21 DATED 7/16/2021

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

LOAD MODIFIER FOR OPERATIONAL IMPORTANCE

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN LOADING

HL-93 WITH FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA

THE FOLLOWING DESIGN DATA IS ASSUMED:
CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)
CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.0 KSI (DRILLED SHAFT)
EPOXY COATED REINFORCING STEEL - MINIMUM YIELD STRENGTH 60 KSI

MONOLITHIC WEARING SURFACE

MONOLTHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DRILLED SHAFTS

THE MAXIMUM FACTORED LOAD TO BE SUPPORTED BY EACH DRILLED SHAFT IS 155 KIPS. THIS LOAD IS RESISTED BY SIDE RESISTANCE WITHIN A PORTION OF THE BEDROCK SOCKET AND BY TIP RESISTANCE. THE FACTORED RESISTANCE DEVELOPED BY SIDE RESISTANCE IS 0 KIPS, ASSUMED TO ACT ALONG THE BOTTOM 5 FEET OF THE BEDROCK SOCKET.THE FACTORED RESISTANCE PROVIDED BY THE DRILLED SHAFT TIP IS 155 KIPS.

ITEM 503 - UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN

THIS ITEM IS TO PERFORM ALL EXCAVATION, INCLUDING EXCAVATION OF SHALE, TO THE LIMITS NECESSARY TO CONSTRUCT THE STRUCTURE AS PER THE DETAILS IN THE PLANS AND MEET THE REQUIREMENTS OF C&MS 503. THIS ITEM SHALL ALSO INCLUDE THE BACKFILL OF THE EXCAVATED AREAS PER C&MS 503.08.

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	GEN	ABUT	PIER	SUPER	SEE SHEET NO.
202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					10/114
202	22900	80	SY	APPROACH SLAB REMOVED	80				
202	23500	259	SY	WEARING COURSE REMOVED	259				
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
~~503~~	~~21100~~	~~286~~	~~CY~~	~~UNCLASSIFIED EXCAVATION~~		286			
503	21303	LS		UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN					2/12
~~503~~	~~31120~~	~~182~~	~~CY~~	~~SHALE EXCAVATION~~		182			
509	10000	29209	LB	EPOXY COATED REINFORCING STEEL		13983		15226	
511	33412	81	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE				81	
511	43512	285	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING		285			
512	10100	187	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		178		9	
516	13600	41	SF	1" PREFORMED EXPANSION JOINT FILLER				41	
516	14020	102	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL				102	
516	43200	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (11 3/4" x 11 3/4" x 2")				10	
517	70100	70	FT	RAILING (THREE STEEL TUBE BRIDGE RAILING)				70	
518	21200	198	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC		198			
SPECIAL	51822300	41	FT	STEEL DRIP STRIP				41	10/12
518	40000	201	FT	6" PERFORATED CORRUGATED PLASTIC PIPE		201			
518	40012	40	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE		40			
524	94704	126	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK		126			
526	30000	293	SY	REINFORCED CONCRETE APPROACH SLABS (T=17")	293				
526	90010	88	FT	TYPE A INSTALLATION	88				
613	41200	30	CY	LOW STRENGTH MORTAR BACKFILL		30			

ABBREVIATIONS

STA.	-	STATION
F.A.	-	FORWARD ABUTMENT
R.A.	-	REAR ABUTMENT
EL.	-	ELEVATION
SPA.	-	SPACED
PEJF	-	PREFORMED EXPANSION JOINT FILLER
F	-	FRONT
B	-	BACK
TYP.	-	TYPICAL
NPCPP	-	NON-PERFORATED CORRUGATED PLASTIC PIPE
PCPP	-	PERFORATED CORRUGATED PLASTIC PIPE
PROP.	-	PROPOSED
CONST.	-	CONSTRUCTION
EX.	-	EXISTING
JT.	-	JOINT
C.J.	-	CONSTRUCTION JOINT
EF	-	EACH FACE
STD. DWG.	-	STANDARD DRAWING
CLR.	-	CLEAR
T	-	TOP
B	-	BOTTOM
LT.	-	LEFT
RT.	-	RIGHT
N.F.	-	NEAR FACE
F.F.	-	FAR FACE
BRG.	-	BEARING

REV. BY	DATE	DESCRIPTION
BSM	8-8-23	REVISED EXCAVATION PAY ITEM
DATE COMPLETED		08-08-2023

DESIGN AGENCY
FISHBECK
28366 KENSINGTON LANE, SUITE 3
PERRYSBURG, OHIO 43551
PHONE:(419) 841-4704 FAX:(419) 841-2979

REVIEWED EEC DATE 1-20-23
STRUCTURE FILE NUMBER 5200513
DRAWN BSM
REVISED
DESIGNED BSM
CHECKED JBD

GENERAL NOTES AND ESTIMATED QUANTITIES
BRIDGE NO. MED-18-0193
SR 18 OVER CENTER CREEK

MED-18-(1.71)(1.92)
(2.41)
PID No. 88876

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

AS-1-15 REVISED 7/17/2015
AS-2-15 REVISED 1/18/2019
DS-1-92 REVISED 7/15/2022
PCB-91 REVISED 07/17/2020
SB-1-08 REVISED 1/15/2021
TST-2-21 DATED 7/16/2021

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

LOAD MODIFIER FOR OPERATIONAL IMPORTANCE

A LOAD MODIFIER OF 1.0 HAS BEEN ASSUMED FOR THE DESIGN OF THIS STRUCTURE IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, ARTICLE 1.3.5 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN LOADING

HL-93 WITH FUTURE WEARING SURFACE (FWS) OF 0.060 KIPS/SQ.FT.

DESIGN DATA

THE FOLLOWING DESIGN DATA IS ASSUMED:
CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)
CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)
CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.0 KSI (DRILLED SHAFT)
EPOXY COATED REINFORCING STEEL - MINIMUM YIELD STRENGTH 60 KSI

MONOLITHIC WEARING SURFACE

MONOLTHIC WEARING SURFACE IS ASSUMED, FOR DESIGN PURPOSES, TO BE 1 INCH THICK.

DRILLED SHAFTS

THE MAXIMUM FACTORED LOAD TO BE SUPPORTED BY EACH DRILLED SHAFT IS 157 KIPS. THIS LOAD IS RESISTED BY SIDE RESISTANCE WITHIN A PORTION OF THE BEDROCK SOCKET AND BY TIP RESISTANCE. THE FACTORED RESISTANCE DEVELOPED BY SIDE RESISTANCE IS 0 KIPS, ASSUMED TO ACT ALONG THE BOTTOM 5 FEET OF THE BEDROCK SOCKET. THE FACTORED RESISTANCE PROVIDED BY THE DRILLED SHAFT TIP IS 157 KIPS.

ITEM 503 - UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN

THIS ITEM IS TO PERFORM ALL EXCAVATION, INCLUDING EXCAVATION OF SHALE, TO THE LIMITS NECESSARY TO CONSTRUCT THE STRUCTURE AS PER THE DETAILS IN THE PLANS AND MEET THE REQUIREMENTS OF C&MS 503. THIS ITEM SHALL ALSO INCLUDE THE BACKFILL OF THE EXCAVATED AREAS PER C&MS 503.08.

ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	GEN	ABUT	PIER	SUPER	SEE SHEET NO.
202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					10/114
202	22900	80	SY	APPROACH SLAB REMOVED	80				
202	23500	259	SY	WEARING COURSE REMOVED	259				
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
~~503~~	~~21100~~	~~184~~	~~CY~~	~~UNCLASSIFIED EXCAVATION~~		~~184~~			
503	21303	LS		UNCLASSIFIED EXCAVATION, INCLUDING SHALE, AS PER PLAN					2/12
~~503~~	~~31120~~	~~135~~	~~CY~~	~~SHALE EXCAVATION~~		~~135~~			
509	10000	26841	LB	EPOXY COATED REINFORCING STEEL		10993		15848	
511	33412	84	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE				84	
511	43512	189	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING		189			
512	10100	138	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		128		10	
516	13600	41	SF	1" PREFORMED EXPANSION JOINT FILLER				41	
516	14020	102	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL				102	
516	43200	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE)(11 3/4" X 11 3/4" X 2")				10	
517	70100	72	FT	RAILING (THREE STEEL TUBE BRIDGE RAILING)				72	
518	21200	142	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC		142			
SPECIAL	51822300	44	FT	STEEL DRIP STRIP				44	10/12
518	40000	172	FT	6" PERFORATED CORRUGATED PLASTIC PIPE		172			
518	40012	40	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE		40			
524	94704	98	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK		98			
526	30000	293	SY	REINFORCED CONCRETE APPROACH SLABS (T=17")	293				
526	90010	88	FT	TYPE A INSTALLATION	88				
613	41200	30	CY	LOW STRENGTH MORTAR BACKFILL		30			

ABBREVIATIONS

STA.	-	STATION
F.A.	-	FORWARD ABUTMENT
R.A.	-	REAR ABUTMENT
EL.	-	ELEVATION
SPA.	-	SPACED
PEJF	-	PREFORMED EXPANSION JOINT FILLER
F	-	FRONT
B	-	BACK
TYP.	-	TYPICAL
NPCPP	-	NON-PERFORATED CORRUGATED PLASTIC PIPE
PCPP	-	PERFORATED CORRUGATED PLASTIC PIPE
PROP.	-	PROPOSED
CONST.	-	CONSTRUCTION
EX.	-	EXISTING
JT.	-	JOINT
C.J.	-	CONSTRUCTION JOINT
EF	-	EACH FACE
STD. DWG.	-	STANDARD DRAWING
CLR.	-	CLEAR
T	-	TOP
B	-	BOTTOM
LT.	-	LEFT
RT.	-	RIGHT
N.F.	-	NEAR FACE
F.F.	-	FAR FACE
BRG.	-	BEARING

REV. BY	DATE	DESCRIPTION
BSM	8-8-23	REVISED EXCAVATION PAY ITEM
BSM	7-12-23	REVISED DRILLED SHAFT QUANTITY
DATE COMPLETED		08-08-2023

DESIGN AGENCY
FISHBECK
28366 KENSINGTON LANE, SUITE 3
PERRYSBURG, OHIO 43551
PHONE:(419) 841-4704 FAX:(419) 841-2979

DESIGNED BSM | CHECKED JBD
DRAWN BSM | REVISED
REVIEWED EEC | DATE 1-20-23 | STRUCTURE FILE NUMBER 5200548

ESTIMATED QUANTITIES
BRIDGE NO. MED-18-0242
SR 18 OVER CENTER CREEK

MED-18-(1.71)(1.92)
(2.41)
PID No. 88876