SHEET NUM.										PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
							P.24	P.27	P.34	01/S>2						
															LIGHTING	
								5		5	625	00450	5	EACH	CONNECTION, FUSED PULL APART	
								5		5	625	00460	5	EACH	CONNECTION, UNFUSED PULL APART	
								2		2	625	00480	2	EACH	CONNECTION, UNFUSED PERMANENT	
								2		2	625	10491	2	EACH	LIGHT POLE, CONVENTIONAL, AS PER PLAN, DAVIT STYLE	P.26
								8		8	625	10614	8	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE	
								1,554		1,554	625	23200	1,554	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
								288		288	625	23400	288	FT	NO. 10 AWG POLE AND BRACKET CABLE	
								173		173	625	25400	173	FT	CONDUIT, 2", 725.04	
								468		468	625	25402	468	FT	CONDUIT, 2", 725.05	
								36		36	625	25802	36	FT	CONDUIT, CONCRETE ENCASED, 725.04, 2"	
								291		291	625	25920	291	FT	CONDUIT, MISC.: CONDUIT REMOVED	P.26
								209		209	625	29000	209	FT	TRENCH	
								2		2	625	29910	2	EACH	TRANSITION JUNCTION BOX	
								2		2	625	29920	2	EACH	STRUCTURE JUNCTION BOX	
								2		2	625	29940	2	EACH	BARRIER JUNCTION BOX	
								2		2	625	30700	2	EACH	PULL BOX, 725.08, 18"	
								2		2	625	31510	2	EACH	PULL BOX REMOVED	
								1		1	625	33001	1	EACH	STRUCTURE GROUNDING SYSTEM, AS PER PLAN	P.26
								2		2	625	35100	2	EACH	REERECT EXISTING LUMINAIRE	
								209		209	625	36010	209	FT	UNDERGROUND WARNING MARKING TAPE	
								2		2	625	75400	2	EACH	LIGHT POLE REMOVED	
								2		2	625	75508	2	EACH	LUMINAIRE REMOVED FOR REUSE	
								1,362		1,362	625	75550	1,362	FT	DISTRIBUTION CABLE REMOVED	
								4		4	625	75800	4	EACH	DISCONNECT CIRCUIT	
															TRAFFIC CONTROL	
							4			4	621	00100	4	EACH	RPM	
							13			13	626	00102	13	EACH	BARRIER REFLECTOR, TYPE 1 (1-WAY)	
							5			5	626	00112	5	EACH	BARRIER REFLECTOR, TYPE 3 (1-WAY)	
							3			3	630	79500	3	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
							9.0			9.0	630	80100	9.0	SF	SIGN, FLAT SHEET	
							1			1	630	86002	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT	
							1			1	630	87500	1	EACH	REMOVAL OF POLE MOUNTED SIGN	
							2			2	630	87501	2	EACH	REMOVAL OF POLE MOUNTED SIGN, AS PER PLAN (REERECT)	P.7
							0.18			0.18	646	10010	0.18	MILE	EDGE LINE, 6"	
							0.16			0.16	646	10110	0.16	MILE	LANE LINE, 6"	
															STRUCTURE OVER 20 FOOT SPAN (MOT-00835-02.570)	
									LS	LS	202	11002	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN	
									380	380	202	22900	380	SY	APPROACH SLAB REMOVED	
									2,215	2,215	202	23500	2,215	SY	WEARING COURSE REMOVED	
									LS	LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
									LS	LS	503	21300	LS		UNCLASSIFIED EXCAVATION	
									LS	LS	505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION	
									6,520	6,520	507	00600	6,520	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	
									7,000	7,000	507	00650	7,000	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
									96	96	507	93300	96	EACH	STEEL POINTS OR SHOES	
									117,470	117,470	509	10000	117,470	LB	EPOXY COATED STEEL REINFORCEMENT	
									110,385	110,385	509	26000	110,385	LB	GALVANIZED STEEL REINFORCEMENT	
									6,439	6,439	509	30020	6,439	FT	NO. 4 DEFORMED GFRP REINFORCEMENT	
									674	674	511	34446	674	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK	
									68	68	511	34450	68	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
									123	123	511	41012	123	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
									182	182	511	43512	182	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
									157	157	511	46512	157	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
									698	698	512	10050	698	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
									72	72	515	12090	72	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB33-48 (67'-0" LONG)	
									8	8	516	13600	8	SF	1" PREFORMED EXPANSION JOINT FILLER	

GENERAL SUMMARY

DESIGN AGENCY
KORDA
KORDA / NEMETH ENGINEERING, INC
1650 Watermark Drive, Suite 200, Columbus, OH 43215

DESIGNER AWA

REVIEWER ATD 03/13/26

PROJECT ID 116922

SHEET P.11 TOTAL 72

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 10/22/2026 TIME: 1:24:08 PM USER: cboehm
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CALC:	VS	DATE:	5/8/2026
CHECKED:	CAB	DATE:	5/11/2026

ESTIMATED QUANTITIES (STRUCTURE OVER 20 FT. SPAN, MOT-835-02.570, SFN: 5712085)

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	11002	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN				LS	
202	22900	380	SY	APPROACH SLAB REMOVED				380	
202	23500	2215	SY	WEARING COURSE REMOVED				2215	
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING				LS	
503	21300	LS		UNCLASSIFIED EXCAVATION				LS	
505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00600	6520	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	2600	3920			
507	00650	7000	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	2800	4200			
507	93300	96	EACH	STEEL POINTS OR SHOES	40	56			
509	10000	117470	LB	EPOXY COATED STEEL REINFORCEMENT	17902	43035		56533	
509	26000	110385	LB	GALVANIZED STEEL REINFORCEMENT			102293	8092	
509	30020	6439	FT	NO. 4 DEFORMED GFRP REINFORCEMENT			5886	553	
511	34446	674	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			674		
511	34450	68	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)				68	
511	41012	123	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		123			
511	43512	182	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	182				
511	46512	157	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING		157			
512	10050	698	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)			698		
515	12090	72	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB33-48 (67'-0" LONG)			72		
516	13600	8	SF	1" PREFORMED EXPANSION JOINT FILLER			8		
516	13900	39	SF	2" PREFORMED EXPANSION JOINT FILLER	39				
516	14014	225	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	225				
516	41100	144	EACH	⅛" PREFORMED BEARING PAD, TYPE CDP	48	96			
516	43200	288	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (12" x 6 ½" x 2")	96	192			
517	76300	207	FT	RAILING, MISC.: MODIFIED TWIN STEEL TUBE BRIDGE RAILING			207		2 / 23
518	21200	148	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	148				
SPECIAL	51822300	247	FT	STEEL DRIP STRIP			247		
518	40000	244	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	244				
518	40010	49	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	49				
523	20001	4	EACH	DYNAMIC LOAD TESTING, AS PER PLAN	2	2			2 / 23
523	20501	4	EACH	RESTRIKE, AS PER PLAN	2	2			2 / 23
526	15011	427	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=13"), AS PER PLAN				427	2 / 23
526	90011	199	FT	TYPE A INSTALLATION, AS PER PLAN				199	2 / 23

ITEM 601 ROCK CHANNEL PROTECTION, TYPE C, IS INCLUDED WITH ROADWAY QUANTITIES AND ITEM 625 STRUCTURE GROUNDING SYSTEM IS INCLUDED WITH LIGHTING QUANTITIES. SEE GENERAL SUMMARY SHEETS.

ESTIMATED QUANTITIES
BRIDGE NO.: MOT-00835-02.570
STATE ROUTE 835 OVER LITTLE BEAVER CREEK

SFN 5712085

DESIGN AGENCY
KORDA
KORDA / NEMETH ENGINEERING, INC
1650 Watermark Drive, Suite 200, Columbus, OH 43215

DESIGNER	CHECKER
VS	CAB

REVIEWER: BMV 03/13/26

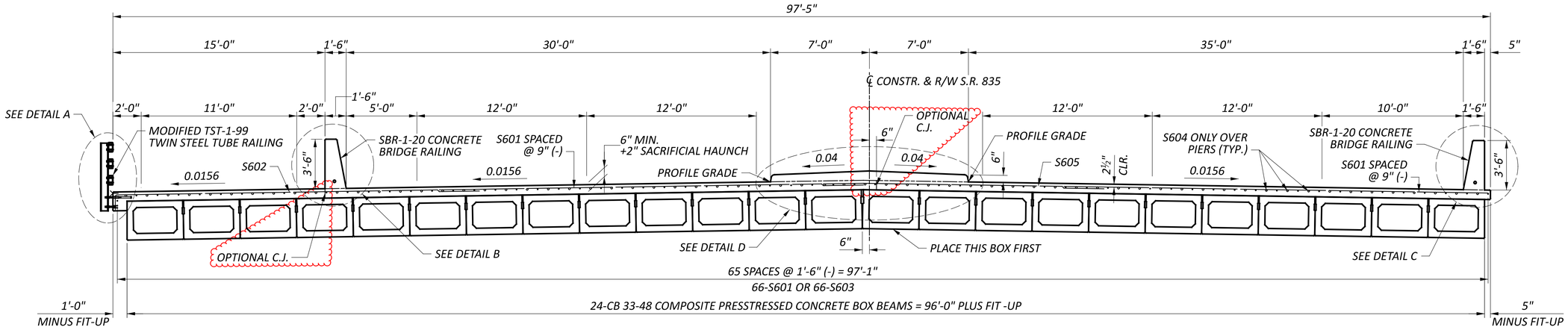
PROJECT ID: 116922

SUBSET	TOTAL
3	23

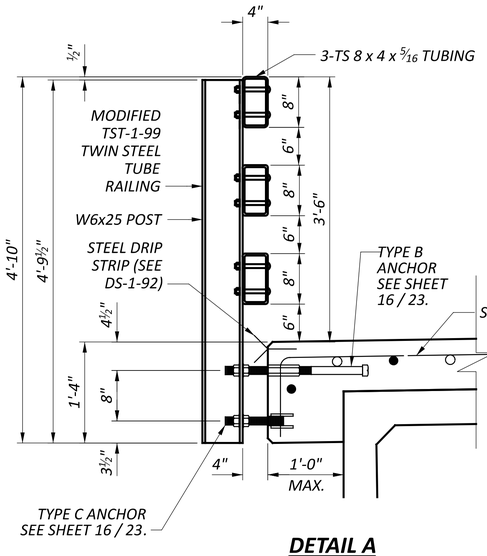
SHEET	TOTAL
P.34	72

MOT-835-2.57

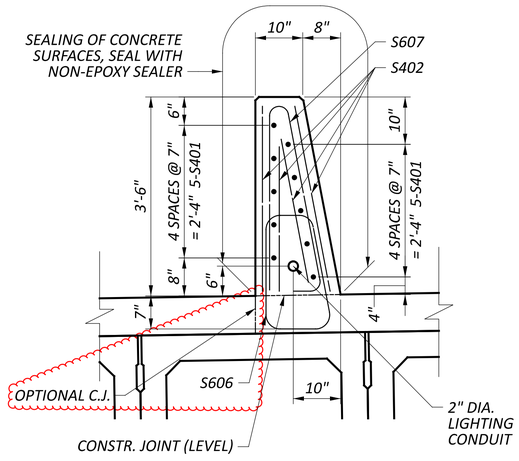
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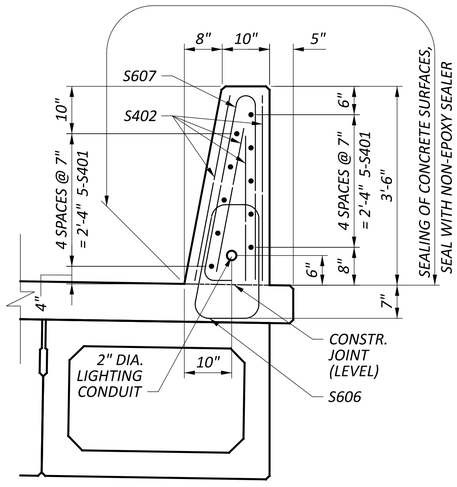
TRANSVERSE SECTION



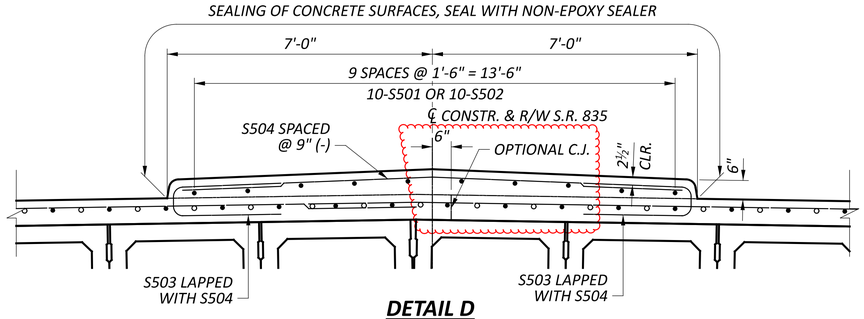
DETAIL A
MODIFIED TST-1-99



DETAIL B
LEFT SBR-1-20



DETAIL C
RIGHT SBR-1-20



DETAIL D
MEDIAN

NOTES:

1. *REINFORCING STEEL IN COMPOSITE BOX BEAMS NOT SHOWN. SEE STD. DWG. PSBD-2-07 AND BEAM DETAILS SHEET 11 / 23.*
2. *FOR SCREED ELEVATION TABLE AND FINAL DECK SURFACE ELEVATION TABLE, SEE SHEET 12 / 23.*
3. *FOR ADDITIONAL RAILING DETAILS, SEE STD. DWG. SBR-1-20, AND SHEETS 16, 17, AND 18 / 23.*
4. *OMIT KEY ON OUTSIDE FACE OF FASCIA BEAMS ONLY.*
5. *UTILIZE VARIABLE HEIGHT CHAIRS TO HOLD THE DECK REBAR WITHIN 2½" OF THE SURFACE.*

TRANSVERSE SECTION
BRIDGE NO.: MOT-00835-02.570
STATE ROUTE 835 OVER LITTLE BEAVER CREEK

SFN	5712085
DESIGN AGENCY	KORDA
	KORDA / NEMETH ENGINEERING, INC
	1650 Watermark Drive, Suite 200, Columbus, OH 43215
DESIGNER	VS
CHECKER	CAB
REVIEWER	BMV 03/13/26
PROJECT ID	116922
SUBSET	14
TOTAL	23
SHEET	P.45
TOTAL	72

MOT-835-2.57

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