

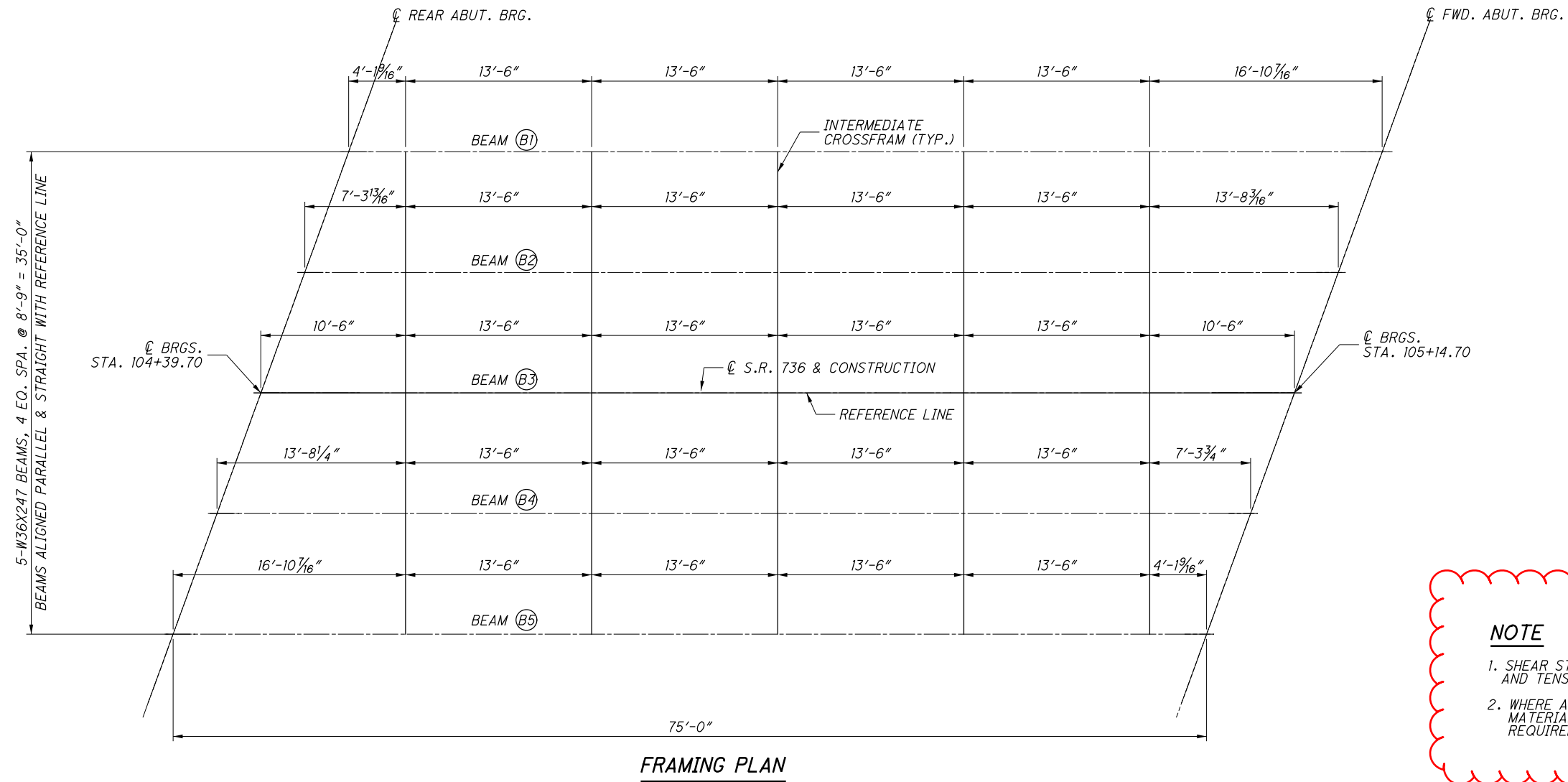
ESTIMATED QUANTITIES

ITEM	EXTENSION	TOTAL (03/STR/10)	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SHEET #
202	11202	LS	LS	PORTIONS OF STRUCTURE REMOVED, OVER 20FT SPAN				LS	
202	22900	133	SY	APPROACH SLAB REMOVED				133	
202	23500	545	SY	WEARING COURSE REMOVED			412	133	
503	11100	LS	LS	COFFERDAMS AND EXCAVATION BRACING				LS	
503	21300	LS	LS	UNCLASSIFIED EXCAVATION				LS	
509	26000	51,623	LB	GALVANIZED STEEL REINFORCEMENT	20,079		31,544		
511	34440	146	CY	CLASS QC2 CONCRETE, BRIDGE DECK			146		
511	33501	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN	2				14
511	44110	75	CY	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	75				
511	46510	67	CY	CLASS QC1 CONCRETE, FOOTING	67				
512	10050	84	SY	SEALING CONCRETE SURFACES (NON-EPOXY)	67		17		
513	10221	101,150	LB	STRUCTURAL STEEL MEMBERS, LEVEL 1, AS PER PLAN			101,150		3-4
513	20800	1,950	EACH	WEIDED SHEAR STUD CONNECTORS			1,950		
516	10010	87	FT	ARMORLESS PREFORMED JOINT SEAL				87	
516	13600	3	SF	1" PREFORMED EXPANSION JOINT FILLER				3	
516	13900	62	SF	2" PREFORMED EXPANSION JOINT FILLER	62				
516	14020	115	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	115				
516	31001	156	FT	2" DEEP JOINT SEALER, AS PER PLAN				156	3
516	44200	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), 18"x13"	10				
517	70100	160	FT	RAILING (THREE STEEL TUBE BRIDGE RAILING)			160		
518	21200	69	CY	POUROUS BACKFILL WITH GEOTEXTILE FABRIC	69				
518	22300	198	FT	STEEL DRIP STRIP			198		
518	40000	152	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	152				
518	40012	60	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	60				
524	94702	36	FT	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK	36				
524	94704	46	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK	46				
526	15001	182	SY	REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN				182	3
526	90031	87	FT	TYPE C INSTALLATION, AS PER PLAN				87	
601	32200	168	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER				168	
611	99710	4	EACH	PRECAST REINFORCED CONCRETE OUTLET				4	
625	33000	1	EACH	STRUCTURE GROUNDING SYSTEM				1	

I:\Project+Data\07000\_UNI-736-(1.16)(1.99) Part 2\Design\Structures\UNI-736-0199\_Steel\Sheets\95776P2\_50001.dgn ESTIMATED QUANTITIES 5/6/2024 7:55:33 AM jnipp

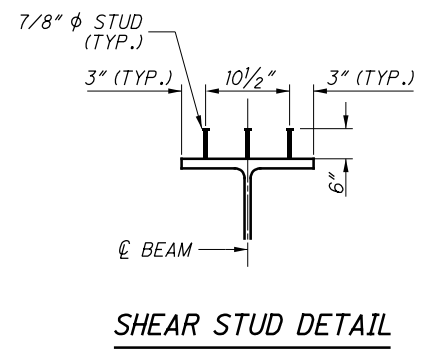
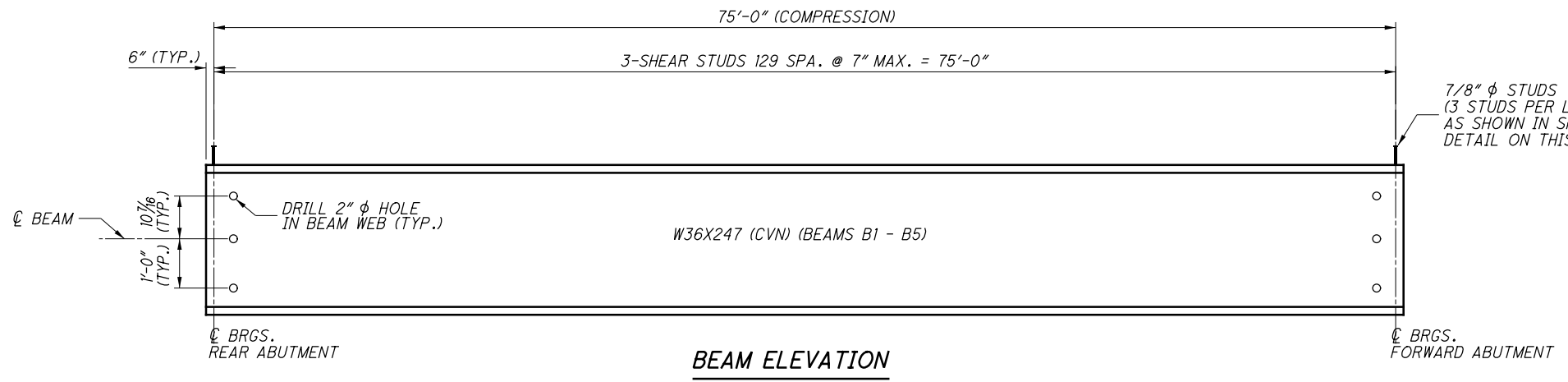
DESIGN AGENCY	OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 6
DATE	1/31/2024
REVIEWED	JPH
DRAWN	MJR
DESIGNED	MJR
CHECKED	AMH
STRUCTURE FILE NUMBER	8003123
REVISSED	
ESTIMATED QUANTITIES	
BRIDGE NO. UNI-736-0199	
OVER ROBINSON RUN	
UNI-736-(1.16)(1.99)	PART 2
	PID No. 107000
5/28	
69	99

I:\Project+Data\107000\_UNI-736-(1.16)(1.99)\Part 2\Design\Structures\UNI-736-0199\_Steel\Sheets\95776P2\_EP001.dgn FRAMING PLAN 5/6/2024 7:55:42 AM jhnp



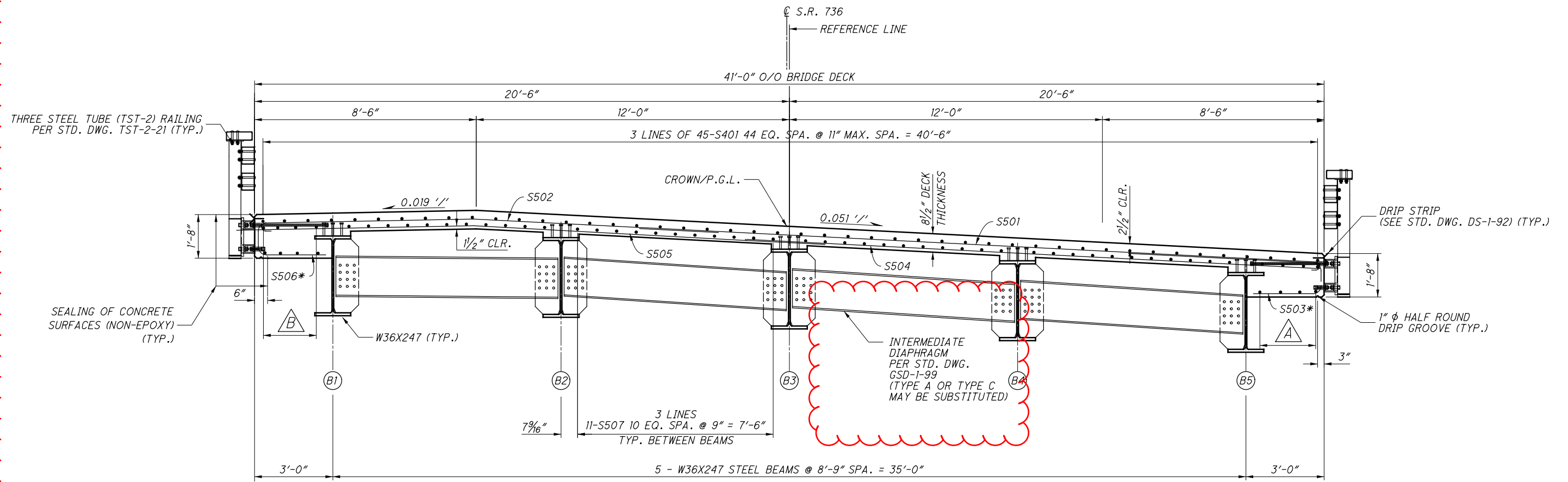
**NOTE**

- SHEAR STUDS SHALL HAVE MINIMUM YIELD STRENGTH OF 50KSI AND TENSILE STRENGTH OF 60KSI.
- WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN C&MS 711.01



DESIGN AGENCY	OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 6
REVIEWED	DATE
JPH	1/31/2024
STRUCTURE FILE NUMBER	8003123
DRAWN	MJR
REVIS	AMH
DESIGNED	MJR
CHECKED	AMH
FRAMING PLAN & BEAM ELEVATION	
BRIDGE NO. UNI-736-0199	
OVER ROBINSON RUN	
UNI-736-(1.16)(1.99)	PART 2
PID No. 107000	
16	28
80	99

I:\Project+Data\07000\_UNI-736-416(L.99).Part 2\Design\Structures\UNI-736-0199 Steel\Sheets\95776P2-ST001.dgn TRANSVERSE SECTION - NEW 5/6/2024 7:55:47 AM jhpb



**TRANSVERSE SECTION**  
(LOOKING UPSTATION)

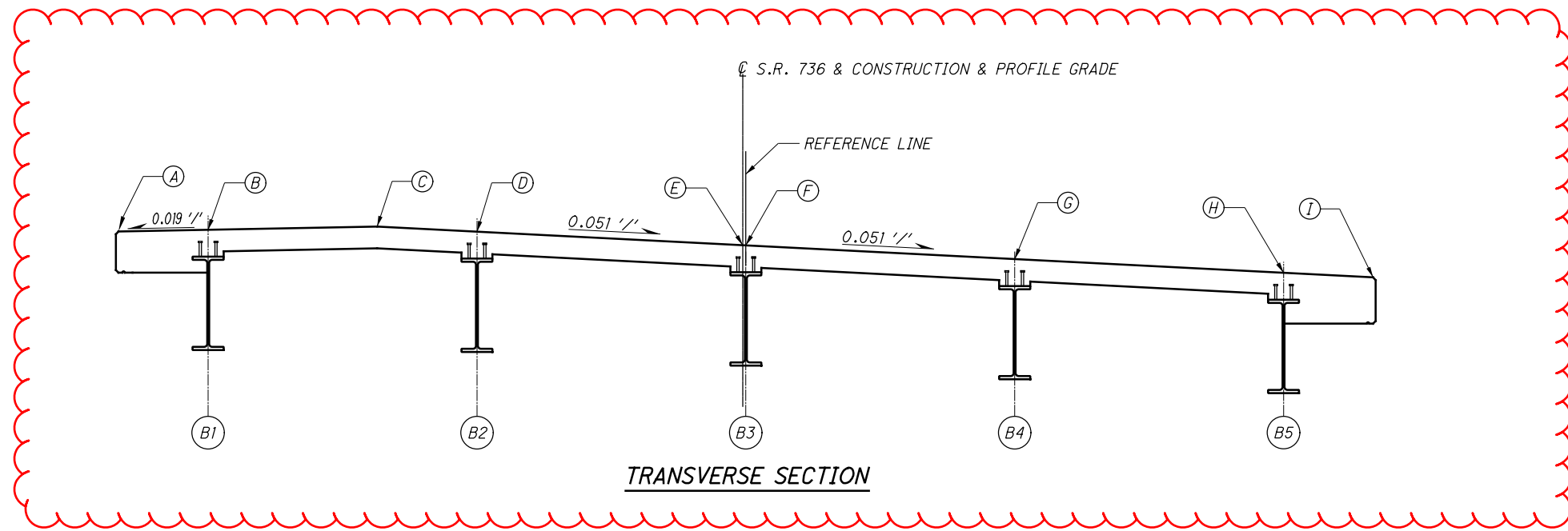
**A** 3 LINES OF 4-S507 3 EQ. SPACES @ 9 1/4" MAX. SPA. = 2'-3" (TYP.) (ADDITIONAL ROW OF BOT. LONGITUDINAL BARS AT OVERHANG)

**B** 3 LINES OF 4-S507 3 EQ. SPACES @ 9 1/4" MAX. SPA. = 2'-1 1/2" (TYP.) (BOT. LONGITUDINAL BARS AT OVERHANG)

\* DENOTES ADDITIONAL OVERHANG BAR (S506 & S503)

DESIGNED		MUR		CHECKED		AMH	
DRAWN		MUR		REVISED			
REVIEWED		JPH		DATE		1/31/2024	
DESIGN AGENCY		OHIO DEPARTMENT OF		TRANSPORTATION DISTRICT		6	
STRUCTURE FILE NUMBER		8003123					
BRIDGE NO.		UNI-736-0199		TRANSVERSE SECTION			
OVER		ROBINSON RUN		PART 2			
PID No.		107000		UNI-736-(1.16)(1.99)			
20/28				84			
				99			

I:\ProjectData\107000\_UNI-736-(1.16)(1.99)\Part 2\Design\Structures\UNI-736-0199\_Steel\Sheets\95776P2\_55002.dgn SCREED ELEV TABLES 5/6/2024 7:55:45 AM jnipp



POINT	TOP OF HAUNCH ELEVATIONS									
	BEAM 1		BEAM 2		BEAM 3		BEAM 4		BEAM 5	
	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
REAR ABUTMENT CENTERLINE OF BRGS.	104+46.21	962.05	104+42.97	962.01	104+39.70	961.59	104+36.41	961.16	104+33.10	960.74
1/4 POINT	104+64.87	962.06	104+61.67	962.02	104+58.45	961.60	104+55.22	961.17	104+51.97	960.75
1/2 POINT	104+83.53	962.00	104+80.37	961.96	104+77.20	961.53	104+74.01	961.11	104+70.81	960.68
3/4 POINT	105+02.22	961.83	104+99.09	961.79	104+95.95	961.36	104+92.80	960.94	104+89.64	960.51
FORWARD ABUTMENT CENTERLINE OF BRGS.	105+20.92	961.59	105+17.81	961.55	105+14.70	961.12	105+11.58	960.69	105+08.45	960.26

**NOTES**

- SCREED ELEVATIONS SHOWN REPRESENT THE THEORETICAL DECK SURFACE LOCATION PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
- TOP OF HAUNCH ELEVATIONS SHOWN REPRESENT THE THEORETICAL LOCATION OF THE BOTTOM OF DECK ABOVE THE BEAM HAUNCH AT THE BEAM CENTERLINE PRIOR TO DEFLECTIONS CAUSED BY DECK PLACEMENT AND OTHER ANTICIPATED DEAD LOADS.
- FINAL DECK SURFACE ELEVATIONS SHOWN REPRESENT THE DECK SURFACE LOCATION AFTER ALL ANTICIPATED DEAD LOAD DEFLECTIONS HAVE OCCURRED.

**FINAL DECK SURFACE ELEVATION POINTS:**

- (A) - EDGE OF DECK LT.
- (B) - BEAM 1
- (C) - SHOULDER BREAK
- (D) - BEAM 2
- (E) -  $\text{\textcircled{C}}$  S.R. 736 & PROFILE GRADE
- (F) - BEAM 3 & REFERENCE LINE
- (G) - BEAM 4
- (H) - BEAM 5
- (I) - EDGE OF DECK RT.

POINT	DECK SCREED ELEVATIONS							
	EDGE OF DECK LT.		SHOULDER BREAK		PROFILE GRADE		EDGE OF DECK RT.	
	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
REAR ABUTMENT CENTERLINE OF BRGS.	104+47.32	962.69	104+44.18	962.88	104+39.70	962.29	104+31.97	961.30
1/4 POINT	104+65.96	962.71	104+62.86	962.89	104+58.50	962.31	104+50.85	961.31
1/2 POINT	104+84.61	962.65	104+81.55	962.83	104+77.26	962.25	104+69.71	961.24
3/4 POINT	105+03.29	962.48	105+00.25	962.66	104+95.99	962.08	104+88.56	961.07
FORWARD ABUTMENT CENTERLINE OF BRGS.	105+21.98	962.56	105+18.97	962.42	105+14.70	961.83	105+07.38	960.83

POINT	FINAL DECK ELEVATIONS																	
	A		B		C		D		E		F		G		H		I	
	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
REAR ABUTMENT CENTERLINE OF BRGS.	104+47.32	962.69	104+46.21	962.76	104+44.18	962.88	104+42.97	962.72	104+39.70	962.29	104+39.70	962.29	104+36.41	961.87	104+33.10	961.45	104+31.97	961.30
1/4 POINT	104+65.96	962.57	104+64.87	962.64	104+62.86	962.75	104+61.67	962.60	104+58.50	962.18	104+58.45	962.17	104+55.22	961.74	104+51.97	961.32	104+50.85	961.17
1/2 POINT	104+84.61	962.46	104+83.53	962.52	104+81.55	962.64	104+80.37	962.48	104+77.26	962.06	104+77.20	962.05	104+74.01	961.63	104+70.81	961.20	104+69.71	961.05
3/4 POINT	105+03.29	962.35	105+02.22	962.41	105+00.25	962.53	104+99.09	962.37	104+95.99	961.94	104+95.95	961.94	104+92.80	961.51	104+89.64	961.08	104+88.56	960.94
FORWARD ABUTMENT CENTERLINE OF BRGS.	105+21.98	962.56	105+20.92	962.30	105+18.97	962.42	105+17.81	962.26	105+14.70	961.83	105+14.70	961.83	105+11.58	961.40	105+08.45	960.97	105+07.38	960.83

**SCREED, HAUNCH AND FINAL DECK ELEVATION TABLES**  
 BRIDGE NO. UNI-736-0199  
 OVER ROBINSON RUN

DESIGNED	MJR	CHECKED	AMH
DRAWN	MJR	REVISED	
REVIEWED	JPH	DATE	1/31/2024
STRUCTURE FILE NUMBER	8003123	DESIGN AGENCY	OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 6

**UNI-736-(1.16)(1.99)**  
**PART 2**  
 PID No. 107000

22 / 28

86  
99