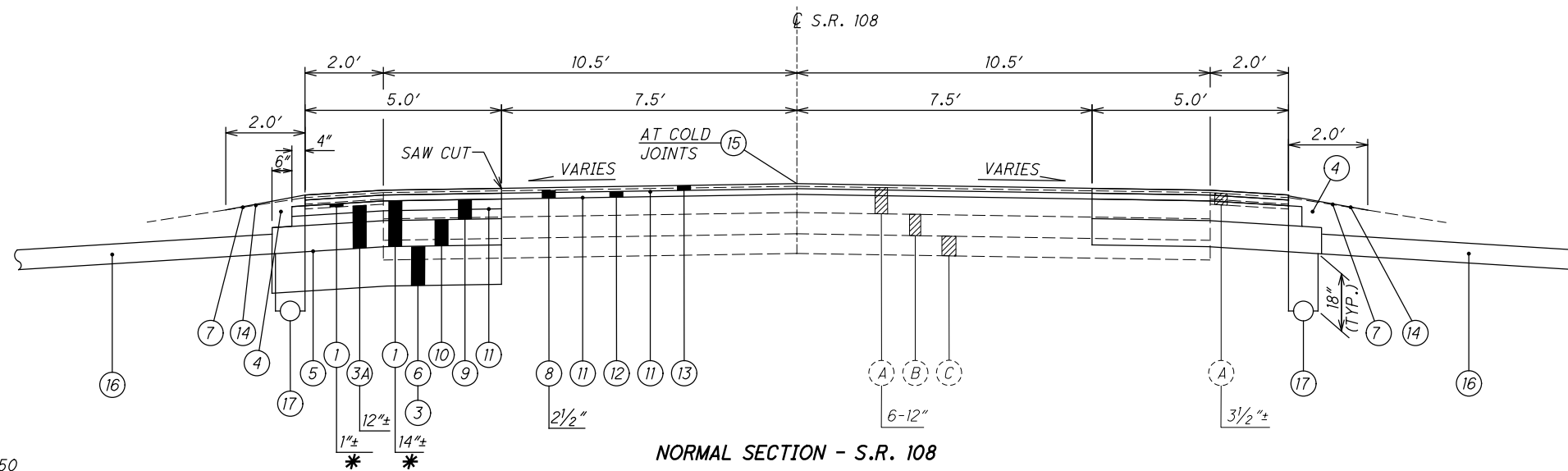


**TYPICAL SECTION "A"**

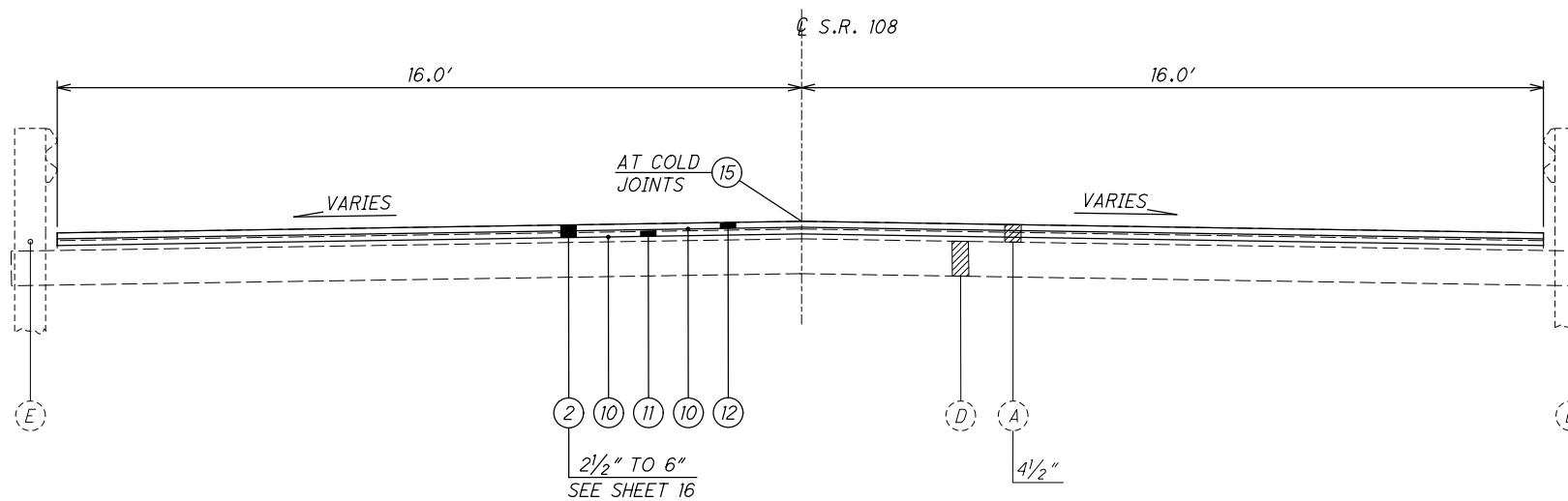


**NORMAL SECTION - S.R. 108**

TYPICAL SECTION APPLIES FROM: STA. 0+00 TO STA. 215+85 = 21,585 FT.  
 STA. 219+95 TO STA. 278+61 = 5866 FT.  
 27,451 FT.

Δ STA. 0+00 TO STA. 8+00  
 STA. 133+00 TO STA. 218+50  
 STA. 220+00 TO STA. 278+61  
 ΔΔ STA. 8+00 TO STA. 133+00  
 STA. 218+50 TO STA. 220+00

**TYPICAL SECTION "B"**



**BRIDGE TYPICAL SECTION - BRIDGE NO. HEN-108-0412**

TYPICAL SECTION APPLIES FROM: STA. 215+85 TO STA. 219+95 = 410 FT.

CORE LIST			
MILE MARKER	DIRECTION	ASPHALT	CORE #
0.06	NB MAINLINE	9"	#1
0.06	NB SHOULDER	10"	#2
0.61	NB SHOULDER	4"	#3
0.61	NB MAINLINE	8"	#4
1.38	NB MAINLINE	8"	#5
1.85	NB MAINLINE	8 1/2"	#6
2.03	SB MAINLINE	14"	#11
3.64	SB MAINLINE	9 1/2"	#9
3.64	SB MAINLINE	6"	#10
3.65	NB MAINLINE	9"	#7
4.28	NB MAINLINE	12"	#8

**PROPOSED LEGEND**

- \* ① ITEM 202 - PAVEMENT REMOVED, ASPHALT (THICKNESS AS SHOWN)
- ② ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN
- ③ ITEM 203 - EXCAVATION OF SUBGRADE
- ③A ITEM 203 - 12" EXCAVATION
- ④ ITEM 203 - EMBANKMENT
- ⑤ ITEM 204 - SUBGRADE COMPACTION
- ⑥ ITEM 204 - 12" GRANULAR MATERIAL, TYPE C
- ⑦ ITEM 209 - LINEAR GRADING
- ⑧ ITEM 254 - 2 1/2" PAVEMENT PLANING, ASPHALT CONCRETE
- ⑨ ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22 (2 LIFTS 3" EACH)
- ⑩ ITEM 304 - 8" AGGREGATE BASE
- ⑪ ITEM 407 - NON-TRACKING TACK COAT
- ⑫ ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (446)
- ⑬ ITEM 441 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (446), PG64-22
- ⑭ ITEM 617 - COMPACTED AGGREGATE
- ⑮ ITEM 875 - LONGITUDINAL JOINT ADHESIVE
- ⑯ ITEM 611 - 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS
- ⑰ ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC

**EXISTING LEGEND**

- Ⓐ ASPHALT CONCRETE (THICKNESS AS SHOWN)
- Ⓑ 6 1/2"± BASE
- Ⓒ EXISTING MACADAM
- Ⓓ 9" REINFORCED CONCRETE
- Ⓔ EXISTING GUARDRAIL

\* ITEM 202, PAVEMENT REMOVED DOES NOT INCLUDE TOP 2 1/2" COVERED UNDER PAVEMENT PLANING



I:\Project\DATA\HEN\95739\_HEN\_108\_0\_00\Design\Roadway\Sheets\95739\_GC001.dgn Sheet 4/30/2020 2:37:39 PM tmaas

STATION RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	202	203	203	204	204	204	204	209	254	301	304	407	407	407	441	441	617	875	
							PAVEMENT REMOVED	EXCAVATION	EMBANKMENT	SUBGRADE COMPACTION	EXCAVATION OF SUBGRADE	GRANULAR MATERIAL, TYPE C	GEOTEXTILE FABRIC, 712.09, TYPE A	LINEAR GRADING	PAVEMENT PLANING, ASPHALT CONCRETE (T=2.5")	ASPHALT CONCRETE BASE, P664-22 (T=6")	AGGREGATE BASE (T=8")	NON-TRACKING TACK COAT @ 0.55 GAL/SQ. YD.	NON-TRACKING TACK COAT @ 0.085 GAL/SQ. YD.	NON-TRACKING TACK COAT @ 0.055 GAL/SQ. YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), P664-22 (T=1.5")	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (T=1.75")	COMPACTED AGGREGATE	LONGITUDINAL JOINT ADHESIVE	
			FT	FT	SY	SY	SY	CY	CY	SY	CY	CY	SY	MILE	SY	CY	CY	GAL	GAL	GAL	CY	CY	CY	LB	
FULL WIDTH RESURFACING																									
0+00.00	TO	215+85.00	A	LT/RT	21585.00	25.00	59958.33							7.81	59958.33			3297.71	5096.46		2498.26	2914.64		5396.25	
215+85.00	TO	217+45.00	A	LT/RT	160.00	25.00	444.44							0.06				24.44	37.78		18.52	21.60		40.00	
STR. HEN-108-0412 (91.28'x32')																									
218+36.00	TO	219+95.00	A	LT/RT	159.00	25.00	441.67							0.05				24.29	37.54		18.40	21.47		39.75	
219+95.00	TO	278+61.00	A	LT/RT	5866.00	25.00	16294.44							2.12	16294.44			896.19	1385.03		678.94	792.09		1466.50	
SHOULDER REPLACEMENT																									
0+00.00	TO	52+55.00	A	LT	5255.00	5.00	2919.44	2919.44	1135.34	233.56	3406.02	1135.34	1135.34	2919.44		519.01	756.89	160.57	248.15	160.57				162.19	
0+30.00	TO	26+20.00	A	RT	2590.00	5.00	1438.89	1438.89	559.57	115.11	1678.70	559.57	559.57	1438.89		255.80	373.05	79.14	122.31	79.14				79.94	
26+60.00	TO	52+69.00	A	RT	2609.00	5.00	1449.44	1449.44	563.67	115.96	1691.02	563.67	563.67	1449.44		257.68	375.78	79.72	123.20	79.72				80.52	
53+20.00	TO	91+24.00	A	LT	3804.00	5.00	2113.33	2113.33	821.85	169.07	2465.56	821.85	821.85	2113.33		375.70	547.90	116.23	179.63	116.23				117.41	
53+15.00	TO	91+32.00	A	RT	3817.00	5.00	2120.56	2120.56	824.66	169.64	2473.98	824.66	824.66	2120.56		376.99	549.77	116.63	180.25	116.63				117.81	
92+10.00	TO	132+24.00	A	LT	4014.00	5.00	2230.00	2230.00	867.22	178.40	2601.67	867.22	867.22	2230.00		396.44	578.15	122.65	189.55	122.65				123.89	
91+94.00	TO	105+66.00	A	RT	1372.00	5.00	762.22	762.22	296.42	60.98	889.26	296.42	296.42	762.22		135.51	197.61	41.92	64.79	41.92				42.35	
106+26.00	TO	132+34.00	A	RT	2608.00	5.00	1448.89	1448.89	563.46	115.91	1690.37	563.46	563.46	1448.89		257.58	375.64	79.69	123.16	79.69				80.49	
132+92.00	TO	158+60.00	A	LT	2568.00	5.00	1426.67	1426.67	554.81	114.13	1664.44	554.81	554.81	1426.67		253.63	369.88	78.47	121.27	78.47				79.26	
132+77.00	TO	158+61.00	A	RT	2584.00	5.00	1435.56	1435.56	558.27	114.84	1674.81	558.27	558.27	1435.56		255.21	372.18	78.96	122.02	78.96				79.75	
159+10.00	TO	217+45.00	A	LT	5835.00	5.00	3241.67	3241.67	1260.65	259.33	3781.94	1260.65	1260.65	3241.67		576.30	840.43	178.29	275.54	178.29				180.09	
159+19.00	TO	217+45.00	A	RT	5826.00	5.00	3236.67	3236.67	1258.70	258.93	3776.11	1258.70	1258.70	3236.67		575.41	839.14	178.02	275.12	178.02				179.81	
STR. HEN-108-0412																									
218+36.00	TO	264+65.00	A	LT	4629.00	5.00	2571.67	2571.67	1000.09	205.73	3000.28	1000.09	1000.09	2571.67		457.19	666.73	141.44	218.59	141.44				142.87	
265+26.00	TO	278+61.00	A	LT	1335.00	5.00	741.67	741.67	288.43	59.33	865.28	288.43	288.43	741.67		131.85	192.28	40.79	63.04	40.79				41.20	
218+36.00	TO	278+61.00	A	RT	6025.00	5.00	3347.22	3347.22	1301.70	267.78	3905.09	1301.70	1301.70	3347.22		595.06	867.80	184.10	284.51	184.10				185.96	
INTERSECTIONS																									
C.R. A				RT	14.00		506.00								506.00			27.83	43.01	27.83	21.08	24.60			
C.R. A2				RT	15.00		302.00								302.00			16.61	25.67	16.61	12.58	14.68			
C.R. B				LT	23.00		810.00								810.00			44.55	68.85	44.55	33.75	39.38			
C.R. B				RT	15.00		300.00								300.00			16.50	25.50	16.50	12.50	14.58			
C.R. Y				LT	17.00		797.00								797.00			43.84	67.75	43.84	33.21	38.74			
C.R. Y				RT	15.00		511.00								511.00			28.11	43.44	28.11	21.29	24.84			
C.R. C				RT	15.00		338.00								338.00			18.59	28.73	18.59	14.08	16.43			
C.R. C2				LT	15.00		700.00								700.00			38.50	59.50	38.50	29.17	34.03			
C.R. C2				RT	15.00		366.00								366.00			20.13	31.11	20.13	15.25	17.79			
C.R. D				LT	15.00		444.00								444.00			24.42	37.74	24.42	18.50	21.58			
C.R. D				RT	15.00		493.00								493.00			27.12	41.91	27.12	20.54	23.97			
C.R. F				LT	15.00		491.00								491.00			27.01	41.74	27.01	20.46	23.87			
SUBTOTALS							30483.89	11854.85	2438.71	35564.54	11854.85	11854.85	30483.89	10.04	82310.78	5419.36	7903.23	6257.46	9670.62	2009.80	3480.06	4060.07	1693.55	6965.32	
TOTALS CARRIED TO GENERAL SUMMARY							30484	11855	2439	35565	11855	11855	30484	11	82311	5419	7904	6257	9671	2010	3481	4061	1694		6966

CALCULATED	TLM	CHECKED	JMF
<b>PAVEMENT CALCULATIONS</b>			
<b>HEN-108-0.00</b>			
9			
18			