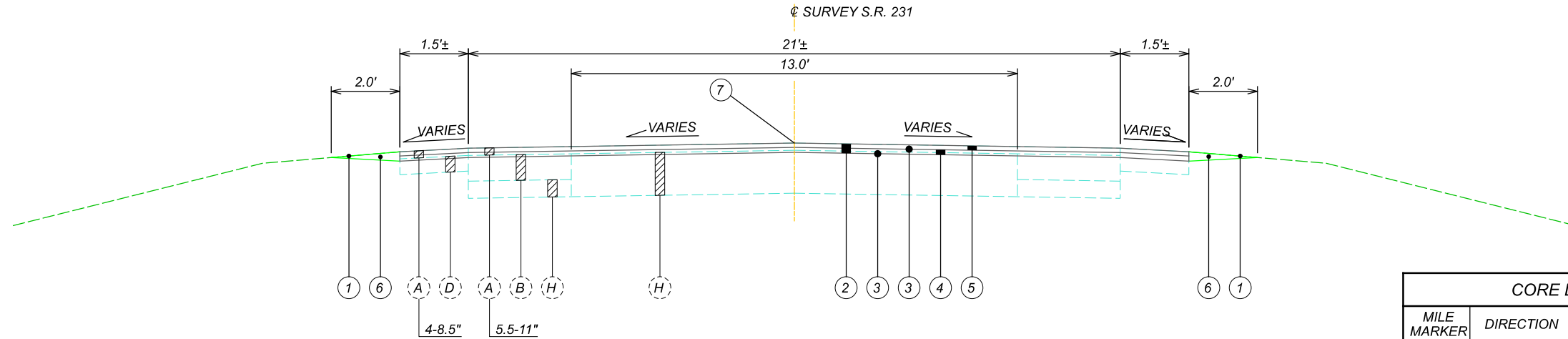


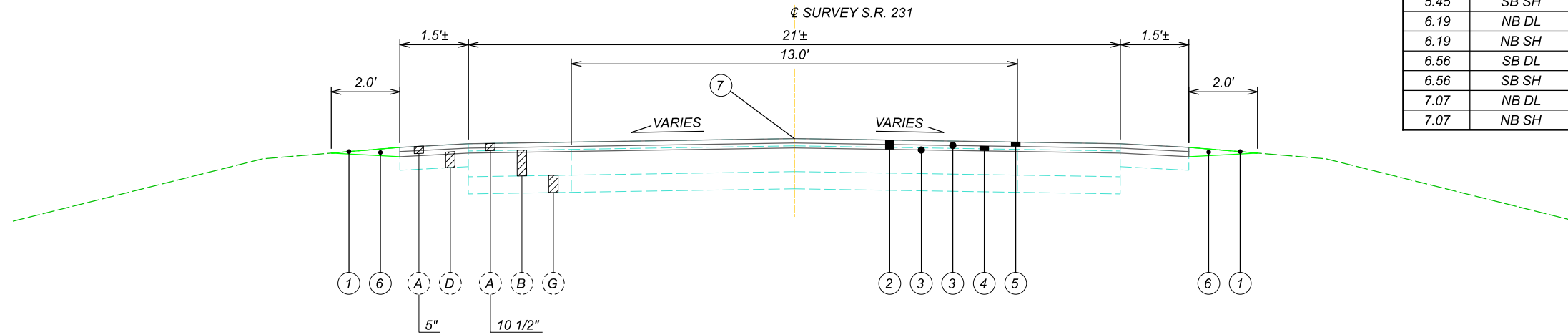
**TYPICAL SECTION "A"**



**NORMAL SECTION - S.R. 231**

STA. 0+00 TO STA. 79+35 = 7935.0 FT.  
 STA. 158+74 TO STA. 191+77 = 3303.0 FT.  
 STA. 193+47 TO STA. 374+22 = 17,978.0 FT.  
 29,216.0 FT.

**TYPICAL SECTION "B"**



**NORMAL SECTION - S.R. 231**

STA. 79+35 TO STA. 158+74 = 7939.0 FT.

CORE LIST			
MILE MARKER	DIRECTION	ASPHALT	CORE NO.
0.03	NB DL	11"	#1
0.03	NB SH	5"	#2
1.15	SB DL	8.5"	#3
1.15	SB SH	8.5"	#4
2.20	NB DL	9"	#5
2.20	NB SH	4"	#6
3.41	SB DL	10.5"	#7
3.41	SB SH	5"	#8
4.33	NB DL	9.5"	#9
4.33	NB SH	7.5"	#10
5.45	SB DL	5.5"	#11
5.45	SB SH	6"	#12
6.19	NB DL	9"	#13
6.19	NB SH	6"	#14
6.56	SB DL	6.5"	#15
6.56	SB SH	3.5"	#16
7.07	NB DL	7"	#17
7.07	NB SH	2.5"	#18

**PROPOSED LEGEND**

- ① ITEM 209 - LINEAR GRADING
- ② ITEM 254 - 3" PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN
- ③ ITEM 407 - NON-TRACKING TACK COAT
- ④ ITEM 441 - 2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)
- ⑤ ITEM 424 - 1" FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN
- ⑥ ITEM 617 - COMPACTED AGGREGATE
- ⑦ ITEM 875 - LONGITUDINAL JOINT ADHESIVE



**EXISTING LEGEND**

- Ⓐ EXISTING ASPHALT (THICKNESS AS SHOWN)
- Ⓑ 9" ASPHALT CONCRETE BASE
- Ⓒ 10" CRUSHED AGGREGATE BASE
- Ⓓ 8" CRUSHED AGGREGATE BASE
- Ⓔ 15" REINFORCED CONCRETE
- Ⓕ 9" PORTLAND CEMENT CONCRETE BASE
- Ⓖ 6" SUBBASE
- Ⓗ 8"-10" WATERBOUND MACADAM



**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

AMERICAN ELECTRIC POWER AT&T  
 2622 STATE ROUTE 100 130 N. ERIE STREET  
 TIFFIN, OHIO 44883 ROOM 714  
 419-209-5583 TOLEDO, OHIO 43624  
 419-245-7304

BASCAM MUTUAL TELEPHONE CO. CHARTER TELECOMMUNICATIONS  
 P.O. BOX 316 3760 INTERCHANGE DRIVE  
 BASCOM, OHIO 44809 COLUMBUS, OHIO 43204  
 419-937-2222 614-255-6340

CITY OF FOSTORIA - SEWER CITY OF FOSTORIA - WATER  
 213 S. MAIN STREET 213 S. MAIN STREET  
 FOSTORIA, OHIO 44830 FOSTORIA, OHIO 44830  
 419-435-2486 419-435-2486

COLUMBIA GAS OF OHIO, INC. FRONTIER COMMUNICATIONS  
 2901 E. MANHATTAN BLVD. 300 WEST GYPSY LANE ROAD  
 TOLEDO, OHIO 43611 BUILDING A  
 419-539-6066 BOWLING GREEN, OHIO 43402  
 419-354-9452

NORTH CENTRAL ELECTRIC COOP, INC. O.D.O.T. - DISTRICT 2 - TRAFFIC  
 P.O. BOX 475 317 E. POE ROAD  
 ATTICA, OHIO 44807 BOWLING GREEN, OHIO 43402  
 800-426-3072 419-353-8131

SENECA COUNTY SEWER DISTRICT TDS TELECOM  
 71 S. WASHINGTON ST. #1104 P.O. BOX 157  
 TIFFIN, OHIO 44883 102 W. FREMONT STREET  
 419-443-7936 ARCADIA, OHIO 44804  
 419-894-6400

**ROUNDING**

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

**ELEVATION DATUM**

ALL ELEVATIONS ARE ORTHOMETRIC HEIGHTS USING THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND GEOID2018 GEOID (GPS DERIVED). HORIZONTAL POSITIONS ARE BASED ON THE OHIO STATE PLANE NORTH ZONE, A LAMBERT CONFORMAL CONIC MAP PROJECTION, THE NORTH AMERICAN DATUM OF 1983 ADJUSTED TO THE NATIONAL SPATIAL REFERENCE SYSTEM OF 2011 (NAD 83(INSRS 2011)), AND THE GRS80 ELLIPSOID.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**PROFILE AND ALIGNMENT**

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

**SURVEYING PARAMETERS**

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

**PROJECT CONTROL**

POSITIONING METHOD: ODOT VRS

**VERTICAL POSITIONING**

ORTHOMETRIC HEIGHT DATUM: NAVD88  
 GEOID: 2018

**HORIZONTAL POSITIONING**

REFERENCE FRAME: NAD 83 (2011)  
 ELLIPSOID: GRS80  
 MAP PROJECTION: LAMBERT CONFORMAL CONIC  
 COORDINATE SYSTEM: OHIO STATE PLANE NORTH  
 COMBINED SCALE FACTOR: 1.0000000  
 ORIGIN OF COORDINATE SYSTEM: GRID US SURVEY FT

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

**EXISTING MONUMENT BOXES**

DURING CONSTRUCTION, IF THE CONTRACTOR REMOVES OR DISTURBS ANY MONUMENT BOX ASSEMBLIES, THE CONTRACTOR SHALL HAVE A REGISTERED SURVEYOR CERTIFY THAT THE MONUMENTS HAVE BEEN RESET AT THE ORIGINAL LOCATION AS PER OHIO ADMINISTRATIVE CODE, CHAPTER 4733-37, STANDARDS FOR BOUNDARY SURVEYS. THE CONTRACTOR SHALL FORWARD A COPY OF SAID CERTIFICATION TO THE PROJECT ENGINEER, AND THE DISTRICT SURVEY OPERATIONS MANAGER FOR REVIEW. THE CERTIFICATION SHALL BE SIMILAR TO THE FOLLOWING:

I, JOHN D. DOE, P.S. HEREBY CERTIFY THAT THE CENTERLINE MONUMENTATION HAS BEEN RESET AT THE PRECONSTRUCTION LOCATIONS DURING PROJECT CTY-RT-SEC, PID 000000. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "A MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS OTHERWISE NOTED. THE WORDS I AND MY, AS USED HEREIN, ARE TO MEAN MYSELF OR SOMEONE UNDER MY DIRECT SUPERVISION.

ALL SURVEY MONUMENTS SET AND/OR RESET BY THE CONTRACTOR'S SURVEYOR SHALL BE CONSTRUCTED ACCORDING TO SCD RM-1.1.

ALL COSTS ASSOCIATED WITH THE RE-SETTING OF THE MONUMENT BOXES SHALL BE AT THE CONTRACTORS' EXPENSE.

**ASPHALT CONCRETE FOR DRIVEWAYS**

THE FOLLOWING ESTIMATED QUANTITY FOR ASPHALT CONCRETE IS TO BE USED FOR ADJUSTING DRIVEWAYS AS DIRECTED BY THE ENGINEER:

ITEM 441, ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22 50 CU. YARD (FUNDING 01/STR/PV)

TOTALS CARRIED TO GENERAL SUMMARY

THE PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL ALL DRIVEWAYS HAVE BEEN TREATED AS DIRECTED BY THE ENGINEER.

**ITEMS ADJUSTED TO GRADE**

THE FOLLOWING ITEMS HAVE BEEN CARRIED IN THE PLANS AS CONTINGENCY QUANTITIES AND SHOULD BE USED AS DIRECTED BY THE ENGINEER.

ITEM 623, MONUMENT BOX ADJUSTED TO GRADE 1 EACH

**ITEM 209, PREPARING SUBGRADE FOR SHOULDER PAVING**

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR ITEM 209, PREPARING SUBGRADE FOR CONSTRUCTION OF THE SAFETY EDGE:

SEN-231 (SLM 0.00-4.34) : FUNDING 01/STR/PV  
 8.64 MILES  
 -0.91 MILES (GUARDRAIL, DRIVE & CURB AREAS)  
 7.73 MILES

SEN-231 (SLM 4.34-7.09) : FUNDING 02/S<2/PV  
 5.54 MILES  
 -0.79 MILES (GUARDRAIL, DRIVE & CURB AREAS)  
 4.75 MILES

A QUANTITY OF 12.48 MILES HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR PREPARING SUBGRADE FOR SHOULDERS.

**SAFETY EDGE**

ITEM 424, FINE GRADED POLYMER ASPH, CONC., TYPE B, APP  
 ITEM 441 - ASPH. CONC. INTERMEDIATE COURSE, TYPE 2, (446)

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR CONSTRUCTION OF THE SAFETY EDGE:

SENECA - S.R. 231 (0.00 - 4.34) : FUNDING 01/STR/PV  
 ITEM 424 - FINE GRADED POLYMER ASPHALT, CONCRETE, TYPE B, AS PER PLAN 19 CU. YD.  
 ITEM 441 - ASPH. CONC. INTERMEDIATE CONC., TYPE 2, (446) 47 CU. YD.

SENECA - S.R. 231 (4.34 - 7.09) : FUNDING 02/S<2/PV  
 ITEM 424 - FINE GRADED POLYMER ASPHALT, CONCRETE, TYPE B, AS PER PLAN 12 CU. YD.  
 ITEM 441 - ASPH. CONC. INTERMEDIATE CONC., TYPE 2, (446) 29 CU. YD.

**ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN**

PER CMS 424.04, 448 DENSITY APPLIES TO THIS PROJECT. DENSITY WILL BE TESTED ACCORDING TO SUPPLEMENT 1055 PER CMS 448.02. THE DENSITY DISINCENTIVE PORTION OF TABLE 448.04-3. WILL BE WAIVED PROVIDING THAT THE CONTRACTOR MAKES EVERY EFFORT TO OBTAIN DENSITY AND DOES NOT USE VIBRATORY ROLLERS.

**ITEM 253, PAVEMENT REPAIR**

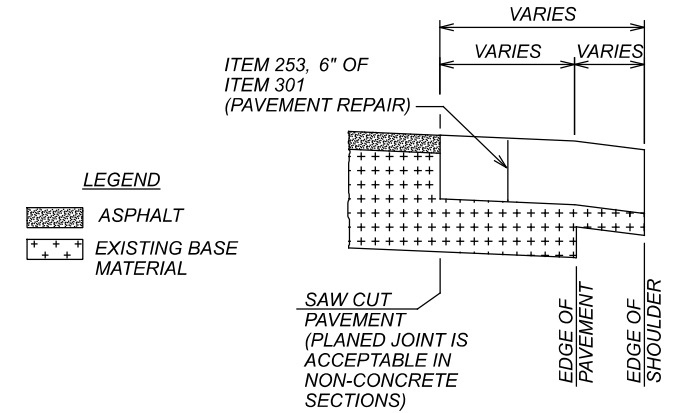
PAVEMENT SHALL BE PLANED BEFORE PAVEMENT REPAIRS ARE PERFORMED.

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED FOR 6" PAVEMENT REPAIR ON S.R. 231 AS DIRECTED BY THE ENGINEER BASED ON THE FOLLOWING PERCENTAGES:

01/STR/PV FUNDING : 0.00-4.34 15% 1525 CY  
 02/S<2/PV FUNDING : 4.34-7.09 15% 1034 CY

ITEM 253, PAVEMENT REPAIR 2559 CU. YARDS

ESTIMATED QUANTITIES CARRIED TO THE GENERAL SUMMARY.



NOTE: THE ENGINEER SHALL FIELD VERIFY ALL LOCATIONS PRIOR TO THE BEGINNING OF WORK. ANY ADJUSTMENTS NECESSARY SHALL BE AS DIRECTED BY THE ENGINEER.

**ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN**

SOME OF THE GRINDINGS FROM THE MILLED SURFACE SHALL BE STOCK PILED AT THE FOLLOWING LOCATION:

ODOT - SENECA COUNTY GARAGE  
 3390 S.R. 010  
 TIFFIN, OHIO 44883


THE FOLLOWING QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR THE ABOVE:

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN 1000 TON

SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	7	10	11	12	19	01/STR/PV	02/S<2/PV	03/BRO/BR									
<b>ROADWAY</b>																		
				1,575				1,575			202	38000	1,575	FT	GUARDRAIL REMOVED			
				475				475			202	38001	475	FT	GUARDRAIL REMOVED, AS PER PLAN	5		
				9				9			202	42000	9	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A			
				1				1			202	42040	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T			
				7				7			202	42050	7	EACH	ANCHOR ASSEMBLY REMOVED, TYPE B			
						300		300			203	20000	300	CY	EMBANKMENT			
				25				25			209	15000	25	STA	RESHAPING UNDER GUARDRAIL			
			13					8	5		209	60500	13	MILE	LINEAR GRADING			
	12.48							7.73	4.75		209	72050	12.48	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING			
				1,275				1,275			606	15050	1,275	FT	GUARDRAIL, TYPE MGS			
				312.5				312.5			606	15100	312.5	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS			
				400				400			606	15150	400	FT	GUARDRAIL, TYPE MGS HALF POST SPACING			
				15				15			606	26150	15	EACH	ANCHOR ASSEMBLY, MGS TYPE E, MASH2016			
				3				3			606	26550	3	EACH	ANCHOR ASSEMBLY, MGS TYPE T			
				1				1			606	35140	1	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4			
				3				3			606	35141	3	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	5		
	1							1			623	39500	1	EACH	MONUMENT BOX ADJUSTED TO GRADE			
<b>EROSION CONTROL</b>																		
						100		100			601	20010	100	CY	CRUSHED AGGREGATE SLOPE PROTECTION			
						1,597.5		1,597.5			659	10000	1,597.5	SY	SEEDING AND MULCHING			
						0.22		0.22			659	20000	0.22	TON	COMMERCIAL FERTILIZER			
						9		9			659	35000	9	MGAL	WATER			
								10,000			832	30000	10,000	EACH	EROSION CONTROL			
<b>PAVEMENT</b>																		
	2,559							1,525	1,034		253	02000	2,559	CY	PAVEMENT REPAIR			
							616			616	254	01001	616	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1"	4		
				103,210				60,995	42,215		254	01001	103,210	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3"	4		
				14,484				8,540	5,910	34	407	20000	14,484	GAL	NON-TRACKING TACK COAT			
	31			2,884				1,714	1,184	17	424	14001	2,915	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN	4		
						5,733		3,435	2,374		441	10200	5,809	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)			
								50			441	50000	50	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22			
						1,389		844	545		617	10100	1,389	CY	COMPACTED AGGREGATE			
						9,334		5,659	3,634	41	875	10000	9,334	LB	LONGITUDINAL JOINT ADHESIVE			
<b>TRAFFIC CONTROL</b>																		
				498				286	212		621	00100	498	EACH	RPM			
				382				191	191		621	54000	382	EACH	RAISED PAVEMENT MARKER REMOVED			
						67		67			626	00116	67	EACH	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL			
						11		11			630	84900	11	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL			
						6		6			630	85100	6	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION			
						9		9			630	86010	9	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION			
				14.18				8.68	5.5		642	00104	14.18	MILE	EDGE LINE, 6", TYPE 1			
				7.09				4.34	2.75		642	00300	7.09	MILE	CENTER LINE, TYPE 1			
				127				24	103		644	00500	127	FT	STOP LINE			
<b>TRAFFIC SIGNALS</b>																		
				7					7		625	31510	7	EACH	PULL BOX REMOVED			
				1					1		632	90400	1	EACH	SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER WIRE	5		
				4					4		809	69000	4	EACH	ADVANCE RADAR DETECTION			
				2					2		809	69100	2	EACH	STOP LINE RADAR DETECTION			
<b>STRUCTURE REPAIR (SEN-231-0365)</b>																		
							140			140	SPECIAL	51631200	140	FT	SAWING AND SEALING BITUMINOUS CONCRETE JOINTS	19		

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER: TLM  
 REVIEWER: JMF 12-03-21  
 PROJECT ID: 95780  
 SHEET: P.09 TOTAL: 20

STATION RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	209 LINEAR GRADING (MINUS DRIVES & GUARDRAILS)	254 PAVEMENT PLANING ASPHALT CONCRETE, AS PER PLAN, 3"	407 NON-TRACKING TACK COAT (0.055 GAL./SQ.YD.)	407 NON-TRACKING TACK COAT (0.085 GAL./SQ.YD.)	424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN	441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), 2"	617 COMPACTED AGGREGATE	875 LONGITUDINAL JOINT ADHESIVE
▲ 01/STR/PV FUNDING ▲▲ 02/S<2/PV FUNDING ▲▲▲ 03/BRO/BR FUNDING					FT	FT	SY	SY	MILE	SY	GAL	GAL	CY	CY	CY	LB
▲	0+00	TO	79+35	A	LT/RT	7935.00	24	21160.0	2.82	21160.00	1163.80	1798.60	587.78	1175.56	293.88	1983.75
▲	79+35	TO	158+74	B	LT/RT	7939.00	24	21170.7	2.72	21170.67	1164.39	1799.51	588.07	1176.15	294.04	1984.75
▲	158+74	TO	191+81	A,C	LT/RT	3307.00	24	8818.7		8818.67	485.03	749.59	244.96	489.93	122.48	826.75
▲▲▲	191+81		193+43		LT/RT	162.00	34	612.0	1.13		33.66		17.00			40.50
▲	193+43	TO	228+00	C,A	LT/RT	3457.00	24	9218.7	1.10	9218.67	507.03	783.59	256.07	512.15	128.04	864.25
▲▲	228+00	TO	339+18	A	LT/RT	11118.00	25	30883.3	3.66	30883.33	1698.58	2625.08	857.87	1715.74	411.78	2779.50
▲▲	339+18	TO	340+23	A	LT/RT	105.00	31	361.7	0.02	361.67	19.89	30.74	10.05	20.09	3.88	26.25
▲▲	340+23	TO	340+72	A	LT/RT	49.00		250.44	0.02	250.44	13.77	21.29	6.96	13.91	1.82	12.25
▲▲	341+58	TO	342+17	A	LT/RT	59.00		276.44	0.02	276.44	15.20	23.50	7.68	15.36	2.18	14.75
▲▲	342+17	TO	372+80	A	LT/RT	3063.00	27	9189.0	0.96	9189.00	505.40	781.07	255.25	510.50	113.44	765.75
▲▲	372+80	TO	374+22	A	LT/RT	142.00	24	378.7	0.05	378.67	20.83	32.19	10.52	21.04	5.26	35.50
01/STR/PV FUNDING SUBTOTALS									7.77	60368.01	3320.25	5131.29	1676.88	3353.79	838.44	5659.50
02/STR/PV FUNDING SUBTOTALS									4.73	41339.55	2273.67	3513.87	1148.33	2296.64	538.36	3634.00
03/BRO/BR FUNDING SUBTOTALS											33.66		17.00			40.50
TOTALS CARRIED TO GENERAL SUMMARY									13	101708	5628	8645	2842	5650	1377	9334

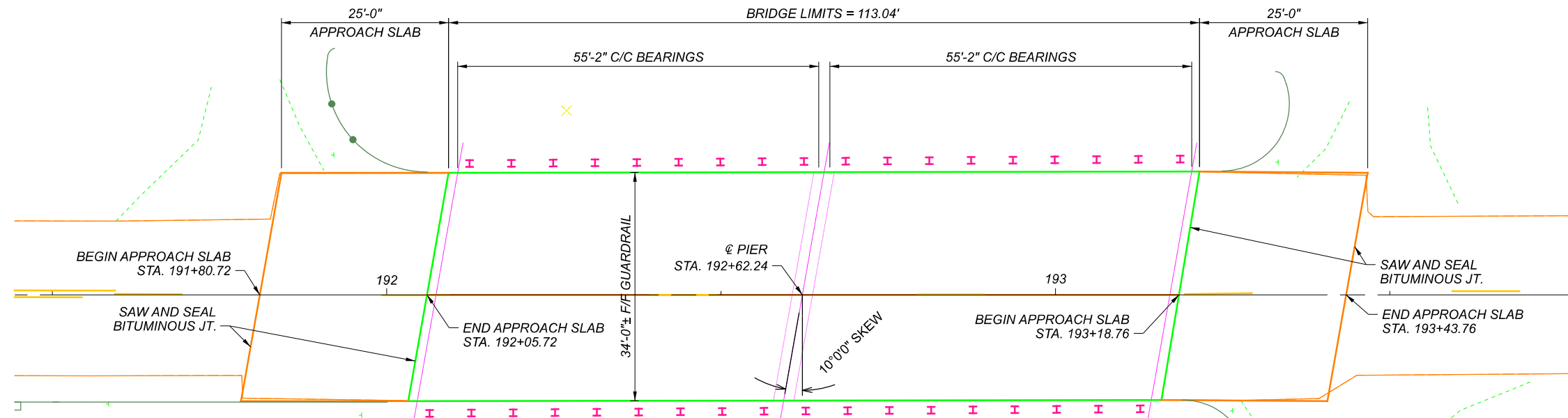
ROUTE	INTERSECTING STREET	STATION	SIDE	LENGTH	MOUTH	THROAT	SURFACE AREA CALCULATED BY CADD A	254 PAVEMENT PLANING ASPHALT CONCRETE, AS PER PLAN, 3"	407 NON-TRACKING TACK COAT (0.055 GAL./SQ.YD.)	407 NON-TRACKING TACK COAT (0.085 GAL./SQ.YD.)	424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN	441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), 2"	617 COMPACTED AGGREGATE
▲ 01/STR/PV FUNDING ▲▲ 02/S<2/PV FUNDING								SY	GAL	GAL	CY	CY	
▲	S.R. 231	TR-42	LT	15	47	17	361	40.00	2.21	3.41	1.11	2.23	0.56
▲	S.R. 231	TR-42	RT	15	55	18	443	49.00	2.71	4.18	1.37	2.73	0.56
▲	S.R. 231	TR-28	LT	15	62	25	538	60.00	3.29	5.08	1.66	3.32	0.56
▲	S.R. 231	TR-28	RT	15	75	29	642	71.00	3.92	6.06	1.98	3.96	0.56
▲	S.R. 231	CR-6	LT	15	91	34	771	86.00	4.71	7.28	2.38	4.76	0.56
▲	S.R. 231	CR-6	RT	15	77	27	653	73.00	3.99	6.17	2.02	4.03	0.56
▲	S.R. 231	TR-58	LT	15	56	18	461	51.00	2.82	4.35	1.42	2.85	0.56
▲	S.R. 231	TR-58	RT	15	69	26	613	68.00	3.75	5.79	1.89	3.78	0.56
▲	S.R. 231	TR-90	LT	15	94	31	686	76.00	4.19	6.48	2.12	4.23	0.56
▲	S.R. 231	TR-149	RT	15	68	18	477	53.00	2.92	4.51	1.47	2.94	0.56
▲▲	S.R. 231	TR-1178	RT	15	72	47	836	93.00	5.11	7.90	2.58	5.16	0.56
▲▲	S.R. 231	E. SOUTH TRAIL	RT	15	73	22	533	59.00	3.26	5.03	1.65	3.29	0.56
▲▲	S.R. 231	CR-16	LT	15	62	24	543	60.00	3.32	5.13	1.68	3.35	0.56
▲▲	S.R. 231	CR-16	RT	15	83	35	778	86.00	4.75	7.35	2.40	4.80	0.56
▲▲	S.R. 231	TR-1108	LT	15	29	14	302	34.00	1.85	2.85	0.93	1.86	0.56
▲▲	S.R. 231	W. WOODMERE DR.	LT	15	60	20	522	58.00	3.19	4.93	1.61	3.22	0.56
▲▲	S.R. 231	S. TECUMSEH TRAIL	RT	15	92	41	870	97.00	5.32	8.22	2.69	5.37	0.56
▲▲	S.R. 231	N. TECUMSEH TRAIL	RT	15	103	43	938	104.00	5.73	8.86	2.90	5.79	0.56
▲▲	S.R. 231	SIESTA DR.	RT	15	59	27	554	62.00	3.39	5.23	1.71	3.42	0.56
▲▲	S.R. 231	W. CRESTVIEW DR.	LT	15	74	31	672	75.00	4.11	6.35	2.07	4.15	0.56
▲▲	S.R. 231	LELAR ST.	LT	15	68	33	672	75.00	4.11	6.35	2.07	4.15	0.56
▲▲	S.R. 231	CHERRY ST.	LT	15	105	25	645	72.00	3.94	6.09	1.99	3.98	0.56
01/STR/PV FUNDING SUBTOTALS								627.00	34.51	53.31		34.83	5.60
02/S<2/PV FUNDING SUBTOTALS								875.00	48.08	74.29		48.54	6.72
TOTALS CARRIED TO GENERAL SUMMARY								1502	83	128		83	12

PAVEMENT CALCULATIONS

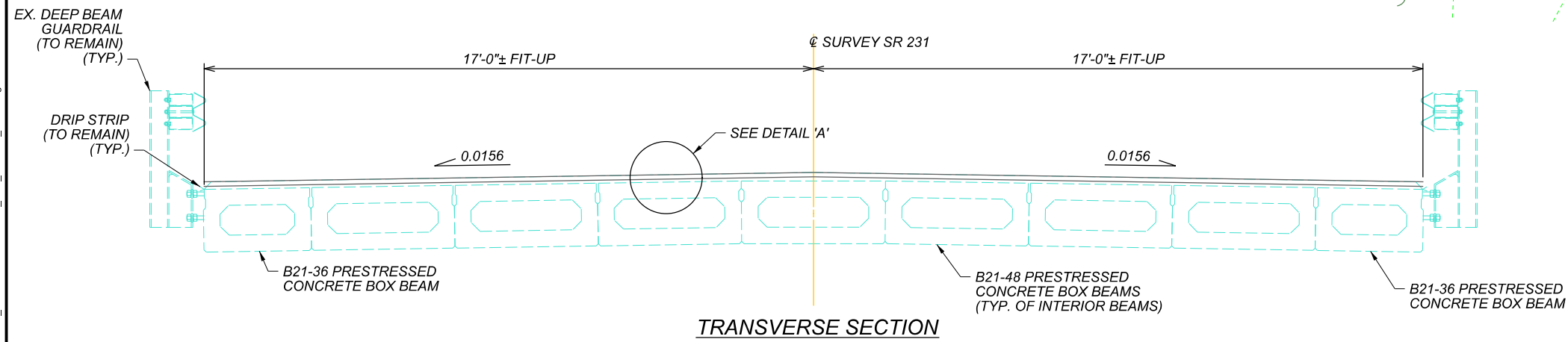
DESIGN AGENCY	
DESIGNER	TLM
REVIEWER	JMF
PROJECT ID	12-03-21
TOTAL	95780
SHEET	P.11
TOTAL	20

SEN-231-0.00

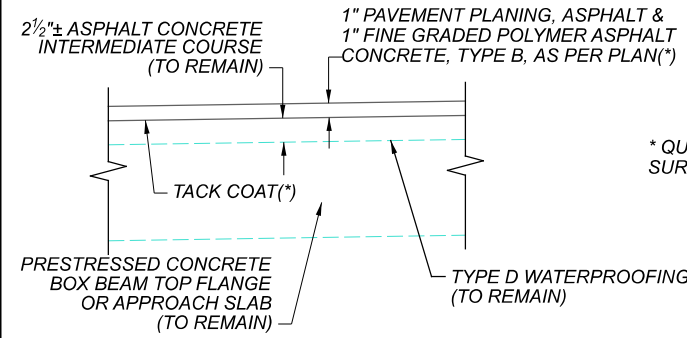
MODEL: Sheet PAPER: 17x11 (in.) DATE: 6/10/2022 TIME: 12:01:48 PM USER: lmaas  
 p:\c\hobbs-pw-bentley.com\shahid-pw-02\Documents\01 Active Projects\Disinf\02Seneca\95780\40-Engineering\Structures\SFN\_7403550\_SFN\_7403550\_SPO03.dgn



PLAN



TRANSVERSE SECTION



DETAIL 'A'

\* QUANTITIES FOR TACK COAT AND ASPHALT CONCRETE SURFACE COURSE ARE CARRIED IN THE PAVEMENT SUBSUMMARY

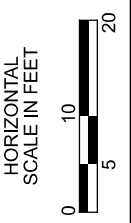
ESTIMATED QUANTITIES (03/BRO/BR)									
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
254	01001	616	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1"			427	189	
SPECIAL	51631200	140	FT	SAWING AND SEALING BITUMINOUS CONCRETE JOINTS				140	2

- PROPOSED WORK**
- MILL EXISTING 1" ASPHALT SURFACE COURSE
  - PLACE TACK COAT AND 1" FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER, PLAN
  - SAW AND SEAL BITUMINOUS JOINTS

**EXISTING STRUCTURE**

TYPE: TWO SPAN PRESTRESSED CONCRETE BOX BEAM SUPERSTRUCTURE ON CAPPED PILE SUBSTRUCTURES

SPANS: 55'-2", 55'-2" C/C BEARINGS  
 ROADWAY: 34'-0" F/F GUARDRAIL  
 LOADING: HS20-44 & ALT. MILITARY LOADING  
 SKEW: 10° L.F.  
 WEARING SURFACE: ASPHALT CONCRETE  
 APPROACH SLABS: 25'-0" LONG (AS-1-81)  
 ALIGNMENT: TANGENT  
 CROWN: 0.0156 FT/FT  
 STRUCTURE FILE NUMBER: 7403550  
 DECK AREA: 3,843 SF  
 DATE BUILT: 1983  
 DISPOSITION: GOOD  
 COORDINATES: LATITUDE N 41°02'44.99"  
 LONGITUDE W 83°10'12.80"



SITE PLAN  
 BRIDGE NO. SEN-231-0365  
 OVER HONEY CREEK

SFN	7403550
DESIGN AGENCY	
DESIGNER	DJG
CHECKER	NMS
REVIEWER	XXX
PROJECT ID	12-03-21
SUBSET	95780
TOTAL	2
SHEET	P.19
TOTAL	20