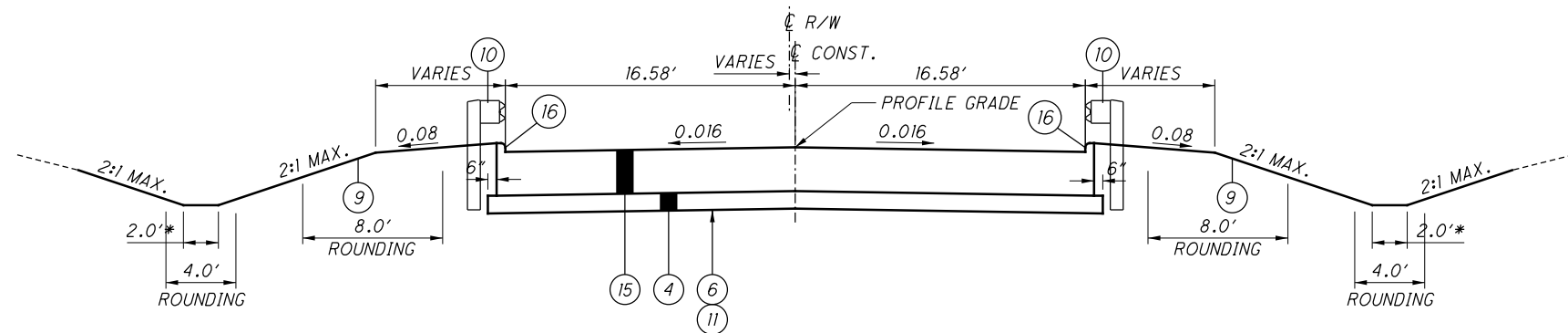
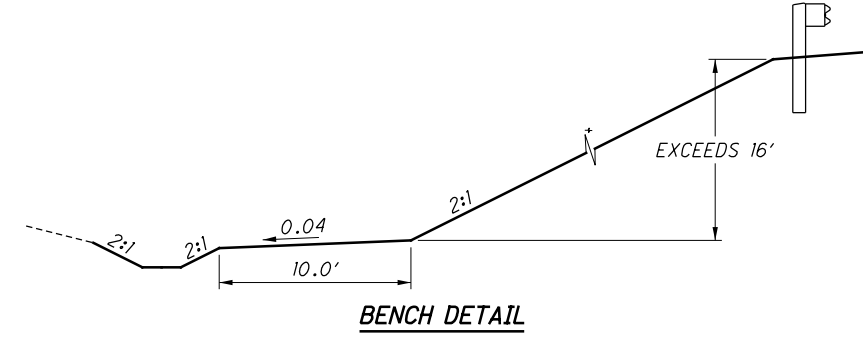


0:\2017\056\ProjectData\MOT_99860\Design\Roadway\Sheets\99860_GY001.dgn Sheet 11/3/2020 15:13:35 PM pfr

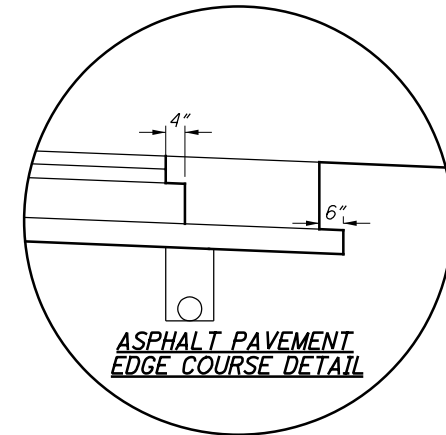


APPROACH SLAB SECTION - CHAMBERSBURG RD., S.R. 235

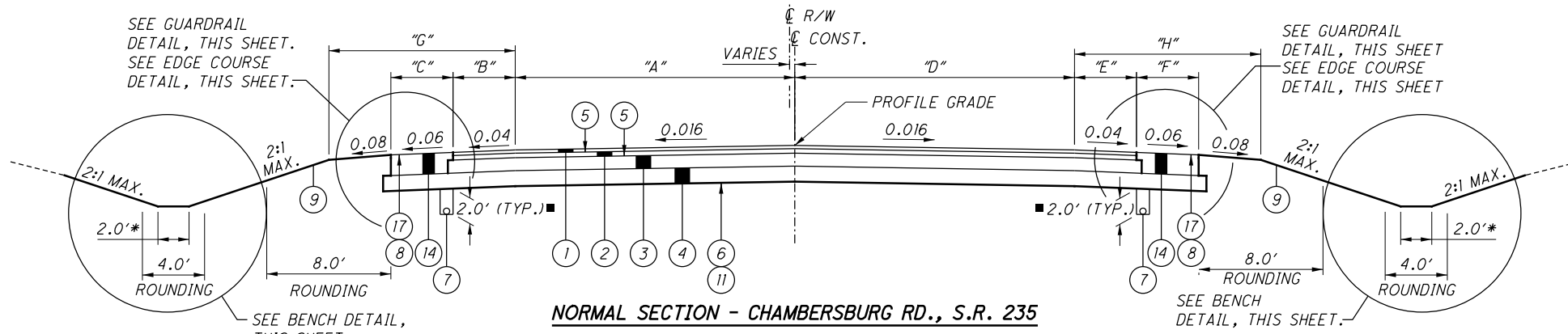
LIMITING STATIONS
 STA. 13+52.66 TO STA. 13+77.66 = 25.00 L.F.
 STA. 16+22.16 TO STA. 16+47.16 = 25.00 L.F.



BENCH DETAIL

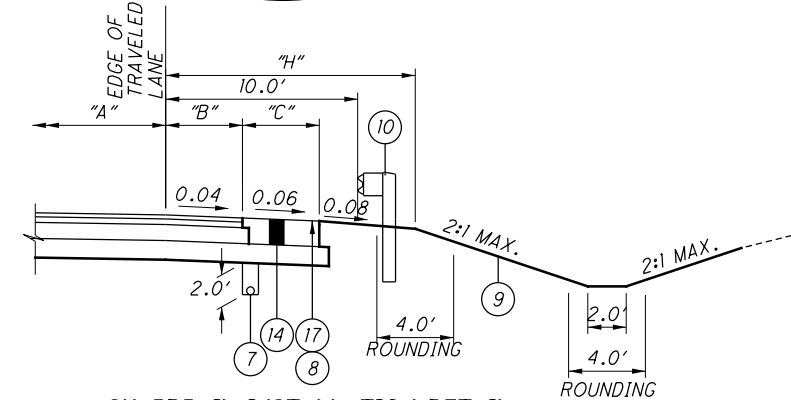


**ASPHALT PAVEMENT
EDGE COURSE DETAIL**



NORMAL SECTION - CHAMBERSBURG RD., S.R. 235

LIMITING STATIONS
 STA. 5+00.00 TO STA. 13+52.66 = 852.66 L.F.
 STA. 16+47.16 TO STA. 27+00.00 = 1052.84 L.F.



GUARDRAIL INSTALLATION DETAIL

CHAMBERSBURG RD., S.R. 235
 RIGHT SIDE SHOWN, LEFT SIDE SYMMETRICAL
 ABOUT EDGE OF TRAVELED LANE

LEGEND

- ① ITEM 441 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22
- ② ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)
- ③ ITEM 301 - 5" ASPHALT CONCRETE BASE, PG64-22
- ④ ITEM 304 - 6" AGGREGATE BASE
- ⑤ ITEM 407 - NON-TRACKING TACK COAT (0.04 GAL/S.Y.)
- ⑥ ITEM 204 - SUBGRADE COMPACTION
- ⑦ ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
- ⑧ ITEM 422 - EMULSION, CHIP SEAL
- ⑨ ITEM 659 - SEEDING AND MULCHING
- ⑩ ITEM 606 - GUARDRAIL, TYPE MGS
- ⑪ ITEM 204 - PROOF ROLLING
- ⑫ ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OCI
- ⑬ ITEM 609 - 6" CONCRETE MEDIAN
- ⑭ ITEM 304 - 8 1/4" AGGREGATE BASE
- ⑮ ITEM 526 - REINFORCED CONCRETE APPROACH SLAB, (T=15"), AS PER PLAN
- ⑯ ITEM 609 - CURB, TYPE 2-A **
- ⑰ ITEM 422 - AGGREGATE, SINGLE CHIP SEAL, TYPE A

REVISIONS		
NO.	DATE	DESCRIPTION
3	11/03/20	ITEM REVISED

- (A) EXISTING ASPHALT PAVEMENT (T=6"±)
- (B) EXISTING REINFORCED CONCRETE BASE (T=9"±)
- (C) EXISTING AGGREGATE BASE (T=6"±)
- (D) EXISTING ASPHALT PAVEMENT (T=9"±)
- (E) EXISTING AGGREGATE BASE (T=12"±)
- (F) EXISTING GUARDRAIL
- (G) CONCRETE MEDIAN

* OR AS SHOWN ON CROSS SECTIONS
 ** TO BE PAID FOR UNDER ITEM 15
 EXCEPT RAMPS A AND B
 ■ 2.0' UD DEPTH TYPICAL, EXCEPT AS
 NOTED IN UNDERCUT DETAIL ON SHEET 9

DIMENSION TABLE - CHAMBERSBURG RD./S.R. 235

LEFT SIDE DIMENSIONS				BEGINNING STATION		ENDING STATION		RIGHT SIDE DIMENSIONS			
"G" WIDTH	"C" WIDTH	"B" WIDTH	"A" WIDTH	BEGINNING STATION	ENDING STATION	"D" WIDTH	"E" WIDTH	"F" WIDTH	"H" WIDTH		
8.00' TO 8.00'	4.00' TO 4.00'	4.00' TO 4.00'	19.24' TO 19.24'	5+00.00	7+63.36	16.76' TO 16.76'	4.00' TO 4.00'	-8.76' TO -8.76'	8.00' TO 13.00'		
8.00' TO 8.00'	4.00' TO 4.00'	4.00' TO 4.00'	19.24' TO 25.20'	7+63.36	8+22.97	16.76' TO 16.76'	4.00' TO 4.00'	-8.76' TO -8.76'	13.00' TO 13.00'		
INTERSECTION				8+22.97	9+62.46	16.76' TO 16.76'	4.00' TO 4.00'	-8.76' TO -8.76'	13.00' TO 13.00'		
12.00' TO 12.00'	4.00' TO 4.00'	4.00' TO 4.00'	32.99' TO 28.99'	9+62.46	10+02.46	16.76' TO 16.76'	4.00' TO 4.00'	-8.76' TO -8.76'	13.00' TO 13.00'		
12.00' TO 13.00'	4.00' TO 4.00'	4.00' TO 4.00'	28.99' TO 24.00'	10+02.46	12+76.89						
				9+62.46	10+41.29	16.76' TO 16.76'	4.00' TO 4.00'	-8.76' TO -8.76'	13.00' TO 13.00'		
				10+41.29	12+76.89	16.76' TO 12.96'	4.00' TO 4.00'	-8.76' TO -4.96'	13.00' TO 13.00'		
13.00' TO 13.00'	4.00' TO 4.00'	4.00' TO 4.00'	24.00' TO 12.00'	12+76.89	13+26.89	12.96' TO 12.00'	4.00' TO 4.00'	-4.96' TO -4.00'	13.00' TO 13.00'		
13.00' TO 13.00'	4.00' TO 3.42'	4.00' TO 4.58'	12.00' TO 12.00'	13+26.89	13+52.66	12.00' TO 12.00'	4.00' TO 4.58'	-4.00' TO -4.00'	13.00' TO 13.00'		
13.00' TO 13.00'	3.42' TO 4.00'	4.58' TO 4.00'	12.00' TO 12.00'	16+47.16	16+71.30	12.00' TO 12.00'	4.58' TO 4.00'	-4.00' TO -4.00'	13.00' TO 13.00'		
13.00' TO 13.00'	4.00' TO 4.00'	4.00' TO 4.00'	12.00' TO 12.00'	16+71.30	17+49.20	12.00' TO 12.00'	4.00' TO 4.00'	-4.00' TO -4.00'	13.00' TO 13.00'		
13.00' TO 13.00'	4.00' TO 4.00'	4.00' TO 4.00'	12.00' TO 16.00'	17+49.20	18+29.26	12.00' TO 12.00'	4.00' TO 4.00'	-4.00' TO -4.00'	13.00' TO 16.00'		
INTERSECTION				18+29.26	18+87.91						
INTERSECTION				18+87.91	19+22.77						
13.00' TO 13.00'	4.00' TO 4.00'	4.00' TO 4.00'	12.00' TO 12.00'	19+22.77	20+02.77	20.00' TO 12.00'	4.00' TO 4.00'	-12.00' TO -4.00'	15.55' TO 13.00'		
13.00' TO 12.00'	4.00' TO 4.00'	4.00' TO 4.00'	12.00' TO 12.00'	20+02.77	22+88.05	12.00' TO 12.00'			13.00' TO 8.00'		
			12.00' TO 12.00'		22+88.05	12.00' TO 12.00'					
			12.00' TO 12.00'		24+77.34	24.91' TO 23.91'	6.00' TO 4.00'	-16.91' TO -15.91'	8.00' TO 8.00'		
12.00' TO 12.00'	2.00' TO 4.00'	6.00' TO 4.00'	14.96' TO 14.93'	25+47.23	25+57.25	23.91' TO 23.76'	4.00' TO 4.00'	-15.91' TO -15.76'	8.00' TO 8.00'		
12.00' TO 12.00'	4.00' TO 4.00'	4.00' TO 4.00'	14.93' TO 14.43'	25+57.25	27+00.00	23.76' TO 21.72'	4.00' TO 4.00'	-15.76' TO -13.72'	8.00' TO 8.00'		

TYPICAL SECTIONS

MOT - 235 - 0.22L

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SHEET NUM.										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS		26			76	78	82		101	01/NHS/BR	02/NHS/BR						
																PAVEMENT	
248										248		252	01500	248	FT	FULL DEPTH PAVEMENT SAWING	
1,538										1,538		301	46000	1,538	CY	ASPHALT CONCRETE BASE, PG64-22	
2,686										2,686		304	20000	2,686	CY	AGGREGATE BASE	
873										873		407	20000	873	GAL	NON-TRACKING TACK COAT	
1,215										1,215		422	11000	1,215	SY	AGGREGATE, SINGLE CHIP SEAL, TYPE A	
486										486		422	25000	486	GAL	EMULSION, CHIP SEAL	
455										455		441	10000	455	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
530										530		441	10200	530	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
9										9		452	10010	9	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (RESIDENTIAL DRIVEWAYS)	
1,450										1,450		452	12010	1,450	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
27										27		452	12010	27	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (COMMERCIAL DRIVEWAYS)	
37										37		609	72000	37	SY	CONCRETE MEDIAN	
		332								332		609	14000	332	FT	CURB, TYPE 2-A	
		25								25		609	24510	25	FT	CURB, TYPE 4-C	
																LIGHTING	
									2	2		625	00450	2	EACH	CONNECTION, FUSED PULL APART	
									2	2		625	00460	2	EACH	CONNECTION, UNFUSED PULL APART	
									678	678		625	23302	678	FT	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	
									348	348		625	23400	348	FT	NO. 10 AWG POLE AND BRACKET CABLE	
									81	81		625	25408	81	FT	CONDUIT, 2", 725.051	
									83	83		625	25500	83	FT	CONDUIT, 3", 725.04	
									2	2		625	26253	2	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II, 17,000-19,000 LUMENS	100
									164	164		625	29000	164	FT	TRENCH	
									3	3		625	30700	3	EACH	PULL BOX, 725.08, 18"	
									164	164		625	36010	164	FT	UNDERGROUND WARNING/MARKING TAPE	
																TRAFFIC CONTROL	
						104				104		621	00100	104	EACH	RPM	
						30				30		621	54000	30	EACH	RAISED PAVEMENT MARKER REMOVED	
		34								34		626	00112	34	EACH	BARRIER REFLECTOR, TYPE 3, BI-DIRECTIONAL	
										553.9		630	03100	553.9	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
										36.5		630	06500	36.5	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9	
										45.3		630	08004	45.3	FT	ONE WAY SUPPORT, NO. 3 POST	
										29		630	08600	29	EACH	SIGN POST REFLECTOR	
										388.7		630	80100	388.7	SF	SIGN, FLAT SHEET	
										27		630	80200	27	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
										2		630	84500	2	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
										61		630	84900	61	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
										33		630	86002	33	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
										2		630	86102	2	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
										2		630	86310	2	EACH	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL	
										1		630	87500	1	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	
										0.63		644	00100	0.63	MILE	EDGE LINE, 4"	
										0.17		644	00104	0.17	MILE	EDGE LINE, 6"	
										0.45		644	00300	0.45	MILE	CENTER LINE	
										1,097		644	00400	1,097	FT	CHANNELIZING LINE, 8"	
										79		644	00500	79	FT	STOP LINE	
										198		644	00700	198	FT	TRANSVERSE/DIAGONAL LINE	
										52		644	00900	52	SF	ISLAND MARKING	
										7		644	01300	7	EACH	LANE ARROW	
										4		644	01360	4	EACH	WRONG WAY ARROW	
										0.14		646	10000	0.14	MILE	EDGE LINE, 4"	
										0.19		646	10010	0.19	MILE	EDGE LINE, 6"	
										0.04		646	10200	0.04	MILE	CENTER LINE	
										45		646	10400	45	FT	STOP LINE	

GENERAL SUMMARY

MOT - 235 - 0.22L

REVISIONS		
NO.	DATE	DESCRIPTION
3	11/03/20	OFFICE CALCS REVISED