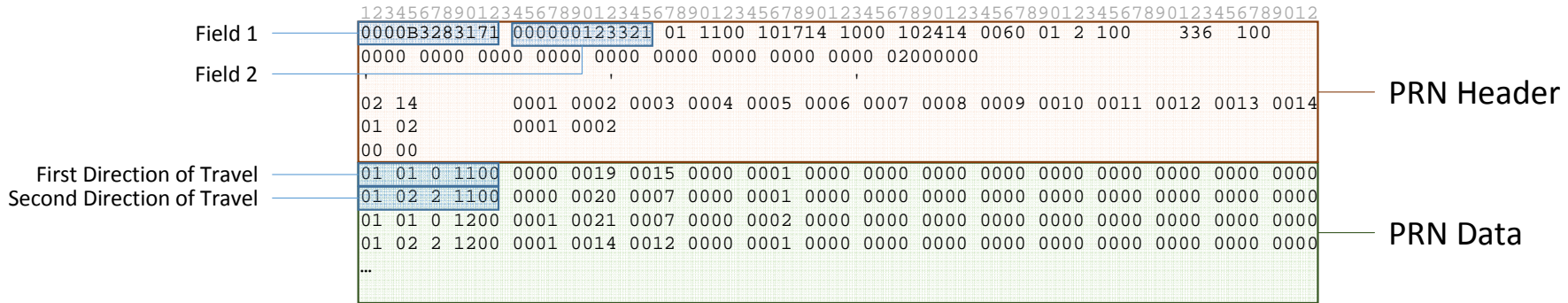


MS2 PRN File Format Descriptions



Field 1 Format:

12-character field:

- Characters 1-8 = Zero-Filled Station ID.
- Character 9 = First Direction of Travel Code
- Character 10 = Number of lanes in First direction of travel
- Character 11 = Second Direction of Travel Code
- Character 12 = Number of lanes in Second direction of travel

Direction of Travel Codes:

- 0 = 2-Way
- 1 = NB
- 2 = NE
- 3 = EB
- 4 = SE
- 5 = SB
- 6 = SW
- 7 = WB
- 8 = NW

Special Cases:

1. Combined directions (2-Way): chars 9-12 should be set to 0.
2. Directional file (NB, SB or EB, WB etc.): chars 10, 12 should be set to 0. Chars 9, 11 should contain the correct Direction of Travel Code.
3. By lanes file: chars 10, 12 should be set to be the number of lanes for the corresponding direction. Chars 9, 11 should contain the correct Direction of Travel Code.

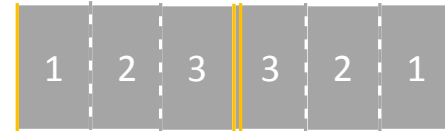
Field 2 Format:

12-character field:

- Characters 1-6 = 0 Filled.
- Characters 7-12 = 6-digit Lane Configuration Code
(Only required if more than 1 lane of data is included in the file in either direction)

Lane Configuration Codes:

- 123321 = Curb Lanes at beginning and end
- 123123 = Curb Lanes at beginning and beginning
- 321321 = Curb Lanes at end and end
- 321123 = Curb Lanes at end and beginning



2-WAY PRN Example

Station ID = B328
2-WAY total only

Volume

Channel 1 = 2-WAY total

```

12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
Field 1 — 0000B3280000 000000000000 01 1100 103014 1000 111314 0060 00 1 100 336 000
           0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 30000000
           ,
01 01      0001
00 00
00 00
01 01 0 1100 0534
01 01 0 1200 0538
01 01 0 1300 0558
01 01 0 1400 0577
01 01 0 1500 0749
    
```

Class

Channel 1 = 2-WAY total

```

12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
Field 1 — 0000B3280000 000000000000 01 1000 083005 1200 090305 0060 02 1 100 99 200
           0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00000000
           'Comment 2      'Comment 3      'Comment 4
02 14      0001 0002 0003 0004 0005 0006 0007 0008 0009 0010 0011 0012 0013 0014
01 01      0001
00 00
Channel 1 — 01 01 0 1000 0000 0210 0082 0001 0024 0001 0001 0003 0000 0000 0000 0000 0000 0338
           01 01 0 1100 0004 0276 0101 0002 0022 0000 0000 0002 0000 0000 0000 0000 0000 0298
           01 01 0 1200 0000 0365 0121 0002 0015 0000 0000 0004 0001 0000 0000 0000 0000 0197
           01 01 0 1300 0001 0338 0117 0000 0016 0000 0001 0009 0000 0000 0000 0000 0000 0000 0081
           01 01 0 1400 0000 0354 0107 0001 0013 0001 0000 0001 0002 0001 0000 0000 0000 0000 0002
    
```

1 Direction PRN Example (Lanes Combined)

Station ID = B328

First Direction of Travel = Eastbound

Volume

Channel 1 = EB total

```

1234567890123456789012345678901234567890123456789012345678901234567890123456789012
Field 1 — 0000B3283000 000000000000 01 1100 103014 1000 111314 0060 00 1 100 336 000
           0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 30000000
           ,
           01 01 0001
           00 00
           00 00
           01 01 0 1100 0534
           01 01 0 1200 0538
           01 01 0 1300 0558
           01 01 0 1400 0577
           01 01 0 1500 0749
    
```

Class

Channel 1 = EB total

```

1234567890123456789012345678901234567890123456789012345678901234567890123456789012
Field 1 — 0000B3283000 000000000000 01 1000 083005 1200 090305 0060 02 1 100 99 200
           0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00000000
           'Comment 2 'Comment 3 'Comment 4
           02 14 0001 0002 0003 0004 0005 0006 0007 0008 0009 0010 0011 0012 0013 0014
           01 01 0001
           00 00
Channel 1 — 01 01 0 1000 0000 0210 0082 0001 0024 0001 0001 0003 0000 0000 0000 0000 0000 0338
           01 01 0 1100 0004 0276 0101 0002 0022 0000 0000 0002 0000 0000 0000 0000 0000 0298
           01 01 0 1200 0000 0365 0121 0002 0015 0000 0000 0004 0001 0000 0000 0000 0000 0197
           01 01 0 1300 0001 0338 0117 0000 0016 0000 0001 0009 0000 0000 0000 0000 0000 0000 0081
           01 01 0 1400 0000 0354 0107 0001 0013 0001 0000 0001 0002 0001 0000 0000 0000 0000 0002
    
```


2-Direction PRN Example (Lanes Combined)

Station ID = B328

First Direction of Travel = Eastbound

Second Direction of Travel = Westbound

Volume

	EB Total	WB Total
Field 1	0000B3283070	000000000000
	01 1500 080201 1200 080801 0060 02 2 100 142 200	
	0000 0000 0000 0000 0000 0000 0000 0000 0000 00000000	
	'Weather: Nice	
	01 02	0001 0002
	00 00	
	00 00	
	01 01 0 1500	0228 0149
	01 01 0 1600	0409 0186
	01 01 0 1700	0672 0163
	01 01 0 1800	0340 0132
	01 01 0 1900	0187 0123

Class

	EB Total	WB Total
Field 1	0000B3283070	000000000000
	01 1100 101714 1000 102414 0060 01 2 100 336 100	
	0000 0000 0000 0000 0000 0000 0000 0000 02000000	
	'	
	02 14	0001 0002 0003 0004 0005 0006 0007 0008 0009 0010 0011 0012 0013 0014
	01 02	0001 0002
	00 00	
EB Total	01 01 0 1100 0000 0019 0015 0000 0001 0000 0000 0000 0000 0000 0000 0000 0000	
WB Total	01 02 2 1100 0000 0020 0007 0000 0001 0000 0000 0000 0000 0000 0000 0000 0000	
	01 01 0 1200 0001 0021 0007 0000 0002 0000 0000 0000 0000 0000 0000 0000 0000	
	01 02 2 1200 0001 0014 0012 0000 0001 0000 0000 0000 0000 0000 0000 0000 0000	

2-Direction PRN Example (Lanes Separated)

Station ID = B328

First Direction of Travel = Eastbound

Second Direction of Travel = Westbound

Volume

	EB Lane 1 (Curb)	EB Lane 2 (Pass)	WB Lane 2 (Pass)	WB Lane 1 (Curb)
Field 1	0000B3283272	00000000	123321	01 1500 080201 1200 080801 0060 02 2 100 142 200
	0000 0000 0000	0000 0000 0000	0000 0000 0000	0000 0000 00000000
	01 04	0001	0002	0003 0004
	00 00			
	00 00			
	01 01 0 1500	0228	0149	0230 0148
	01 01 0 1600	0409	0186	0415 0176
	01 01 0 1700	0672	0163	0664 0136
	01 01 0 1800	0340	0132	0325 0124
	01 01 0 1900	0187	0123	0198 0132

Class

	EB Lane 1 (Curb)	WB Lane 1 (Curb)
Field 1	0000B3283171	000000000000 01 1100 101714 1000 102414 0060 01 2 100 336 100
	0000 0000 0000	0000 0000 0000 0000 0000 0000 02000000
	02 14	0001 0002 0003 0004 0005 0006 0007 0008 0009 0010 0011 0012 0013 0014
	01 02	0001 0002
	00 00	
EB Lane 1	01 01 0 1100 0000 0019 0015 0000 0001 0000 0000 0000 0000 0000 0000 0000 0000	
WB Lane 1	01 02 2 1100 0000 0020 0007 0000 0001 0000 0000 0000 0000 0000 0000 0000 0000	
	01 01 0 1200 0001 0021 0007 0000 0002 0000 0000 0000 0000 0000 0000 0000 0000	
	01 02 2 1200 0001 0014 0012 0000 0001 0000 0000 0000 0000 0000 0000 0000 0000	