Count Number: 10-16001
WBS Element: 35228.1.1
County: Catawba
Division 12
Crossing #: 729862C

Vaughn & Melton
1318-F Patton Ave.
Asheville, NC 28806
Phone: (828) 253-2796
Fax: (828) 253-4864

Intersection: Railroad crossing at A St.

## Count Time Periods and Weather Conditions

Day 1- 4/19/10, 9:00 a.m. to 11:59 p.m.
Clear, Hi 68, Lo 39
Day 2- 4/20/10, 12:00 a.m. to 11:59 p.m.
Cloudy, 0.14 in. Rain, Hi 69, Lo 44
Day 3- 4/21/10, 12:00 a.m. to 9:00 a.m.
Cloudy, Hi 67, Lo 47

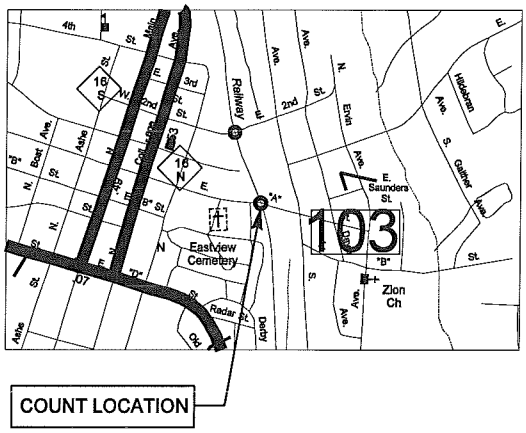
48-hr Intersection entry

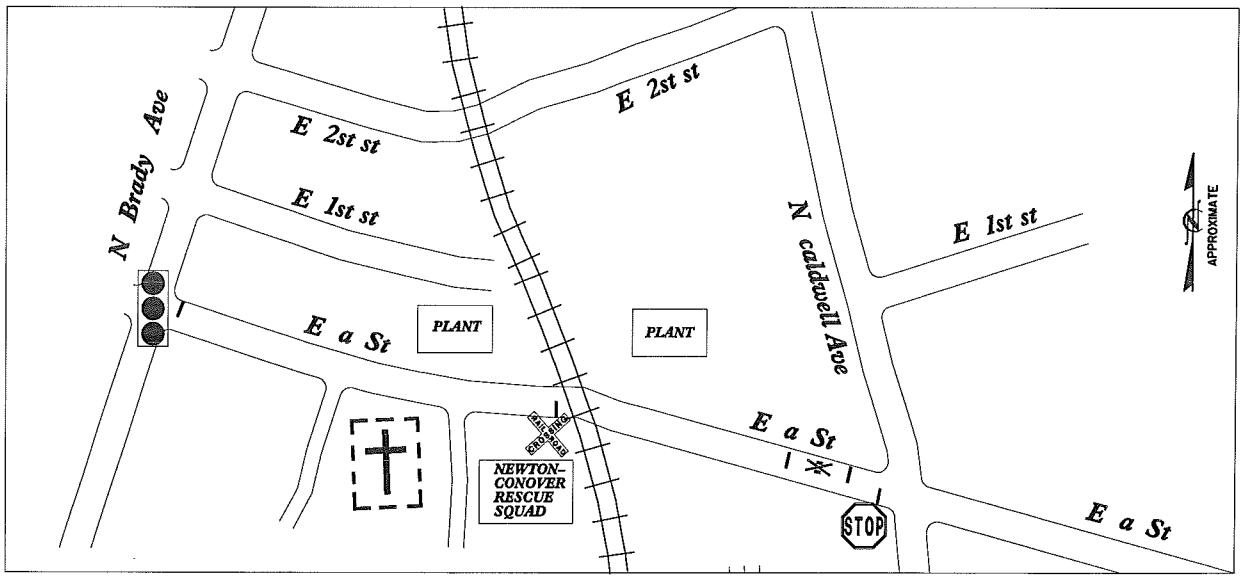
Volume = 2280

Comments:

1. School was in session.
2. FRA Land use: Industrial
3. Equipment used: Trax Flex HS, road tubes
   Software used: Traxpro – Version 2
4. Equipment used for data collection was working properly at the time of installation.
5. There are no traffic signals at the intersection.
6. Counted by: Scot Nelson.
7. Data Processor: Aaron C. Carver, PE

**VICINITY MAP**
**Scale: 1in. = 1800 ft.**



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File Name: 10-16001
Site Code: 729862C
Date Start: 19-Apr-10

Southbound

| Start Time | 0-43' | 44'+ | Not Classed | Total |
|---|---|---|---|---|
| 09:00 | 26 | 0 | 0 | 26 |
| 10:00 | 29 | 0 | 0 | 29 |
| 11:00 | 47 | 0 | 0 | 47 |
| 12 PM | 52 | 0 | 0 | 52 |
| 13:00 | 45 | 3 | 0 | 48 |
| 14:00 | 36 | 1 | 0 | 37 |
| 15:00 | 41 | 0 | 0 | 41 |
| 16:00 | 44 | 0 | 0 | 44 |
| 17:00 | 34 | 0 | 0 | 34 |
| 18:00 | 24 | 0 | 0 | 24 |
| 19:00 | 26 | 0 | 0 | 26 |
| 20:00 | 13 | 0 | 0 | 13 |
| 21:00 | 8 | 0 | 0 | 8 |
| 22:00 | 11 | 0 | 0 | 11 |
| 23:00 | 2 | 0 | 0 | 2 |
| 4/20/10 | 1 | 0 | 0 | 1 |
| 01:00 | 0 | 0 | 0 | 0 |
| 02:00 | 2 | 0 | 0 | 2 |
| 03:00 | 0 | 0 | 0 | 0 |
| 04:00 | 8 | 0 | 0 | 8 |
| 05:00 | 12 | 0 | 0 | 12 |
| 06:00 | 17 | 0 | 0 | 17 |
| 07:00 | 25 | 0 | 0 | 25 |
| 08:00 | 36 | 0 | 0 | 36 |
| 09:00 | 31 | 0 | 0 | 31 |
| 10:00 | 31 | 3 | 0 | 34 |
| 11:00 | 41 | 0 | 0 | 41 |
| 12 PM | 26 | 0 | 0 | 26 |
| 13:00 | 42 | 0 | 0 | 42 |
| 14:00 | 40 | 1 | 0 | 41 |
| 15:00 | 46 | 0 | 0 | 46 |
| 16:00 | 36 | 0 | 0 | 36 |
| 17:00 | 30 | 0 | 0 | 30 |
| 18:00 | 28 | 0 | 0 | 28 |
| 19:00 | 18 | 0 | 0 | 18 |
| 20:00 | 13 | 0 | 0 | 13 |
| 21:00 | 11 | 0 | 0 | 11 |
| 22:00 | 6 | 0 | 0 | 6 |
| 23:00 | 4 | 0 | 0 | 4 |
| 4/21/10 | 2 | 0 | 0 | 2 |
| 01:00 | 6 | 0 | 0 | 6 |
| 02:00 | 1 | 0 | 0 | 1 |
| 03:00 | 0 | 0 | 0 | 0 |
| 04:00 | 2 | 0 | 0 | 2 |
| 05:00 | 10 | 0 | 0 | 10 |
| 06:00 | 19 | 0 | 0 | 19 |
| 07:00 | 25 | 0 | 0 | 25 |
| 08:00 | 35 | 0 | 0 | 35 |
| Total | 1042 | 8 | 0 | 1050 |
| Percentage | 99.2% | 0.8% | 0.0% | 100.0% |

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Date Start: 19-Apr-10

Northbound

| Start Time | 0-43' | 44'+ | Not Classed | Total |
|---|---|---|---|---|
| 09:00 | 38 | 0 | 0 | 38 |
| 10:00 | 27 | 0 | 1 | 28 |
| 11:00 | 45 | 0 | 0 | 45 |
| 12 PM | 46 | 2 | 0 | 48 |
| 13:00 | 56 | 1 | 0 | 57 |
| 14:00 | 51 | 0 | 0 | 51 |
| 15:00 | 68 | 0 | 0 | 68 |
| 16:00 | 59 | 1 | 0 | 60 |
| 17:00 | 49 | 0 | 0 | 49 |
| 18:00 | 51 | 0 | 0 | 51 |
| 19:00 | 32 | 0 | 0 | 32 |
| 20:00 | 22 | 0 | 0 | 22 |
| 21:00 | 18 | 0 | 0 | 18 |
| 22:00 | 10 | 0 | 0 | 10 |
| 23:00 | 7 | 0 | 0 | 7 |
| 4/20/10 | 2 | 0 | 0 | 2 |
| 01:00 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 0 | 0 | 1 |
| 03:00 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 0 | 0 | 1 |
| 05:00 | 5 | 0 | 0 | 5 |
| 06:00 | 12 | 1 | 0 | 13 |
| 07:00 | 23 | 0 | 0 | 23 |
| 08:00 | 31 | 0 | 0 | 31 |
| 09:00 | 20 | 1 | 0 | 21 |
| 10:00 | 44 | 0 | 0 | 44 |
| 11:00 | 24 | 16 | 0 | 40 |
| 12 PM | 44 | 4 | 0 | 48 |
| 13:00 | 41 | 0 | 0 | 41 |
| 14:00 | 40 | 0 | 1 | 41 |
| 15:00 | 64 | 1 | 0 | 65 |
| 16:00 | 48 | 0 | 0 | 48 |
| 17:00 | 50 | 1 | 0 | 51 |
| 18:00 | 30 | 0 | 0 | 30 |
| 19:00 | 34 | 0 | 0 | 34 |
| 20:00 | 15 | 0 | 0 | 15 |
| 21:00 | 19 | 0 | 0 | 19 |
| 22:00 | 5 | 0 | 0 | 5 |
| 23:00 | 7 | 0 | 0 | 7 |
| 4/21/10 | 0 | 0 | 0 | 0 |
| 01:00 | 2 | 0 | 0 | 2 |
| 02:00 | 3 | 0 | 0 | 3 |
| 03:00 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 0 | 0 | 1 |
| 05:00 | 4 | 0 | 0 | 4 |
| 06:00 | 6 | 0 | 0 | 6 |
| 07:00 | 28 | 0 | 0 | 28 |
| 08:00 | 17 | 0 | 0 | 17 |
| Total | 1200 | 28 | 2 | 1230 |
| Percentage | 97.6% | 2.3% | 0.2% | 100.0% |

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Date Start: 19-Apr-10

Southbound, Northbound

| Start Time | 0-43' | 44'+ | Not Classed | Total |
|---|---|---|---|---|
| 09:00 | 64 | 0 | 0 | 64 |
| 10:00 | 56 | 0 | 1 | 57 |
| 11:00 | 92 | 0 | 0 | 92 |
| 12 PM | 98 | 2 | 0 | 100 |
| 13:00 | 101 | 4 | 0 | 105 |
| 14:00 | 87 | 1 | 0 | 88 |
| 15:00 | 109 | 0 | 0 | 109 |
| 16:00 | 103 | 1 | 0 | 104 |
| 17:00 | 83 | 0 | 0 | 83 |
| 18:00 | 75 | 0 | 0 | 75 |
| 19:00 | 58 | 0 | 0 | 58 |
| 20:00 | 35 | 0 | 0 | 35 |
| 21:00 | 26 | 0 | 0 | 26 |
| 22:00 | 21 | 0 | 0 | 21 |
| 23:00 | 9 | 0 | 0 | 9 |
| 4/20/10 | 3 | 0 | 0 | 3 |
| 01:00 | 0 | 0 | 0 | 0 |
| 02:00 | 3 | 0 | 0 | 3 |
| 03:00 | 0 | 0 | 0 | 0 |
| 04:00 | 9 | 0 | 0 | 9 |
| 05:00 | 17 | 0 | 0 | 17 |
| 06:00 | 29 | 1 | 0 | 30 |
| 07:00 | 48 | 0 | 0 | 48 |
| 08:00 | 67 | 0 | 0 | 67 |
| 09:00 | 51 | 1 | 0 | 52 |
| 10:00 | 75 | 3 | 0 | 78 |
| 11:00 | 65 | 16 | 0 | 81 |
| 12 PM | 70 | 4 | 0 | 74 |
| 13:00 | 83 | 0 | 0 | 83 |
| 14:00 | 80 | 1 | 1 | 82 |
| 15:00 | 110 | 1 | 0 | 111 |
| 16:00 | 84 | 0 | 0 | 84 |
| 17:00 | 80 | 1 | 0 | 81 |
| 18:00 | 58 | 0 | 0 | 58 |
| 19:00 | 52 | 0 | 0 | 52 |
| 20:00 | 28 | 0 | 0 | 28 |
| 21:00 | 30 | 0 | 0 | 30 |
| 22:00 | 11 | 0 | 0 | 11 |
| 23:00 | 11 | 0 | 0 | 11 |
| 4/21/10 | 2 | 0 | 0 | 2 |
| 01:00 | 8 | 0 | 0 | 8 |
| 02:00 | 4 | 0 | 0 | 4 |
| 03:00 | 0 | 0 | 0 | 0 |
| 04:00 | 3 | 0 | 0 | 3 |
| 05:00 | 14 | 0 | 0 | 14 |
| 06:00 | 25 | 0 | 0 | 25 |
| 07:00 | 53 | 0 | 0 | 53 |
| 08:00 | 52 | 0 | 0 | 52 |
| Total | 2242 | 36 | 2 | 2280 |
| Percentage | 98.3% | 1.6% | 0.1% | 100.0% |

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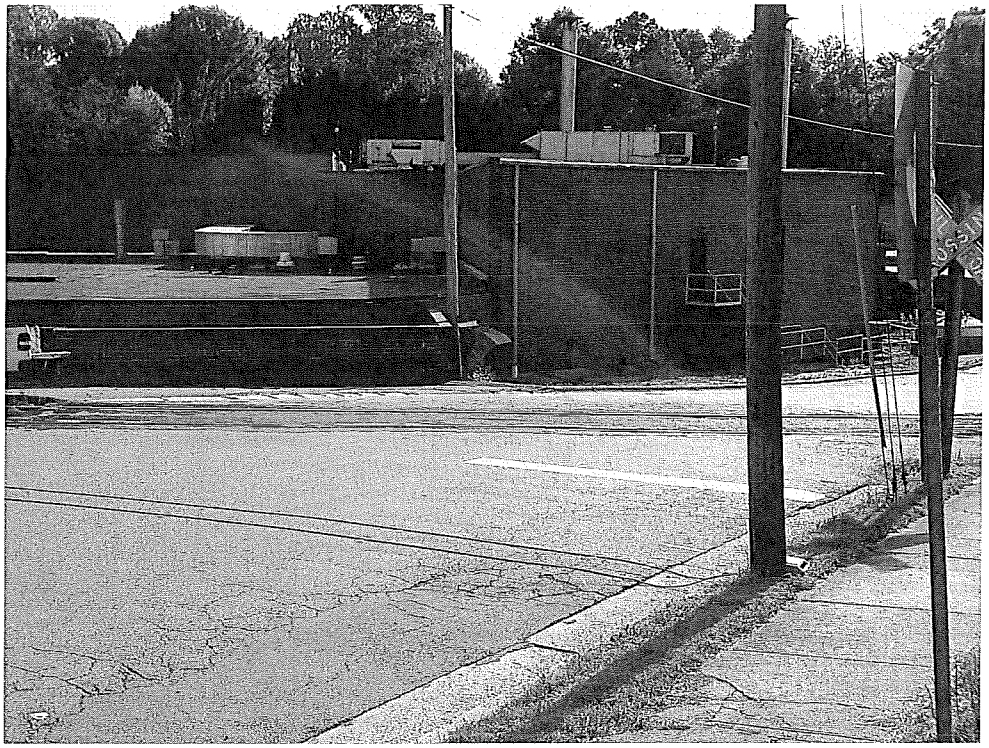
Southbound, Northbound



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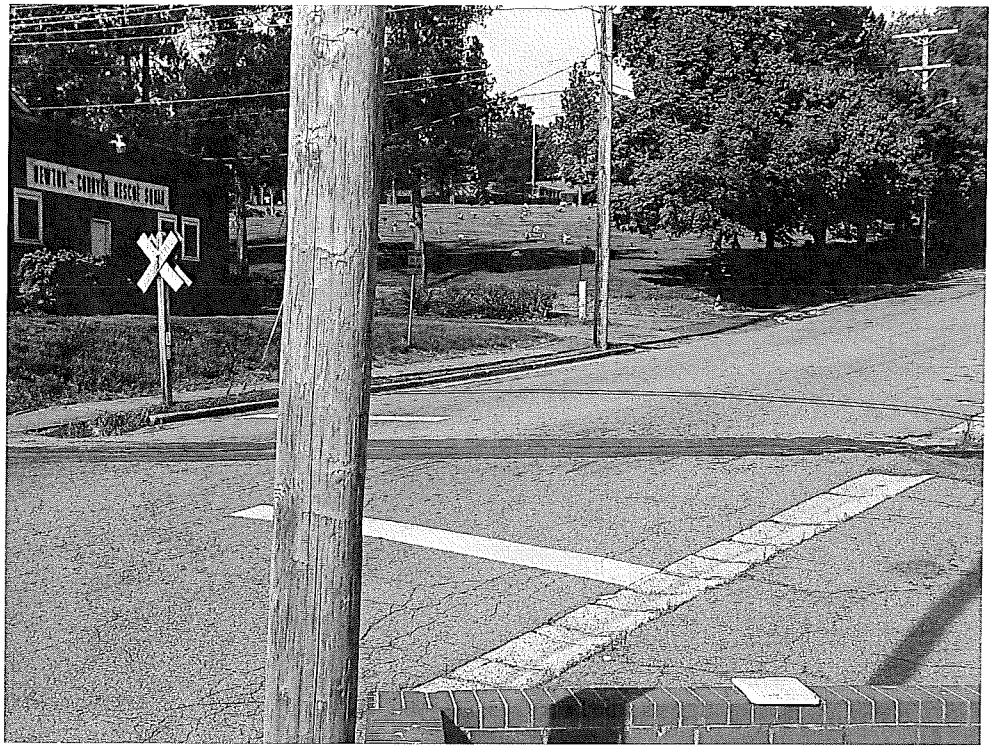
File Name: 10-16001
Site Code: 729862C
Date Start: 19-Apr-10

Southbound, Northbound