

COPY

BEFORE THE WASHINGTON STATE
UTILITIES AND TRANSPORTATION COMMISSION

CITY OF FIFE,

Petitioner,

v.

UNION PACIFIC RAILROAD,

Respondent.

DOCKET TR-100098

PREPARED TESTIMONY OF BRAD
BLACKBURN

Summary of Testimony: I, Brad Blackburn will testify regarding the use of the 54th Avenue vehicle crossing, and the railroad traffic at that location.

1. Please State your full name and job title.

Brad Blackburn, City of Fife Police Chief.

2. How long have you worked for the City in this capacity?

I have been police chief for five years, and have worked for the City for over 21 years.

3. Please describe the City's use of the existing 54th Avenue crossing.

The 54th Avenue vehicular crossing is currently used daily for police patrol, and is used on an ongoing basis for emergency response. In addition, the vehicular crossing is used for general vehicular traffic use in times of area wide emergency. This occurred as recently as January 2009 during Fife's voluntary evacuation of the area south of the UPRR tracks during a flood event. Two

1 lanes are necessary at the 54th Avenue crossing for safe and effective evacuation during such
2 emergencies.

3 **4. How much railroad traffic is there at the location of the proposed pedestrian crossing?**

4 At that location, there is a single main line track operated by the Union Pacific Railroad.
5 From October 19, 2009 through October 25, 2009, the City's police department conducted a train
6 speed and volume survey at 54th Avenue crossing using a speed trailer. A copy of the survey is
7 attached hereto as Exhibit No. _____ (BB-2). According to the survey, during that one week period,
8 a total of 85 freight trains went by with an average speed of 18.4 miles per hour. No passenger trains
9 went by during that period.

10
11 **Declaration**

12 I, Brad Blackburn, declare under penalty of perjury under the laws of the State of Washington
13 that the foregoing Testimony of Brad Blackburn is true and correct to the best of my knowledge and
14 belief.
15

16 Dated this 14 day of August, 2010

17 
18 _____
19 Brad Blackburn
20
21
22
23
24

RU2 Traffic Data Center
 3546 Western Blvd Plaza - Suite 243
 Phoenix, Arizona 34567
Traffic Survey Summary

Batch Number: 102009-B

Start Date: 10/20/09
 End Date: 10/22/09

Start Time: 04:48 PM
 End Time: 01:34 PM

Zone: Railroad
 Location: Fife PD Railroad if Speed Limit is 35 MPH

Direction of Travel: South

Display Scheme: 1 to 25 by 2 MPH - Approaching Vehicles Only

| Speed | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 999 |
|------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|--------------------|----------|
| Volume | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 14 | 3 | 2 | 13 | 13 | 10 |
| % of Total | .% | .% | .% | .% | .% | .% | 35.29% | 16.47% | 3.53% | 2.35% | 15.29% | 15.29% | 11.76% |
| | | | | | | | | | | | | Total Vehicles: 85 | |

| Speed Statistics | | 10 MPH Pace | | Number Exceeding Limit | | | | |
|------------------|------|-----------------|----------|------------------------|-----|-----|-----|-------|
| Posted | 35 | Pace Speed | 13 to 23 | Speed | 35+ | 45+ | 55+ | Total |
| # At/Under Limit | 85 | # in Pace | 88 | Number | 0 | 0 | 0 | 0 |
| # Over Limit | 0 | % in Pace | 80 % | Percent | .% | .% | .% | .% |
| Average Speed | 18.4 | 85th Percentile | 22 | | | | | |

RU2 Traffic Data Center
3546 Western Blvd Plaza - Suite 243
Phoenix, Arizona 34567
Daily Volume Traffic Flow

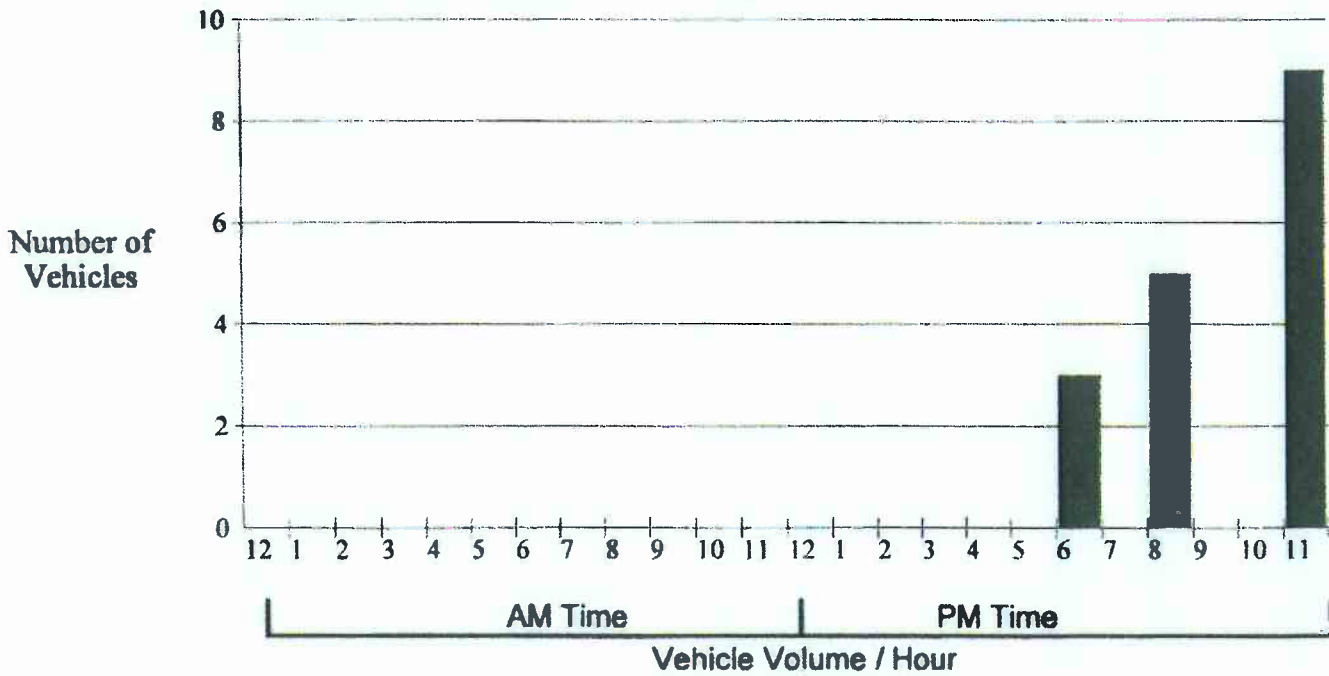
Batch Number: 102009-B

Survey Location: Fife PD Railroad if Speed Limit is 35 MPH

Posted Speed Limit: 35 MPH
At/Under Posted Speed: 85
Over Posted Speed: 0
Average Speed: 18.4 MPH
Pace Range: 13 to 23 MPH
Total Vehicles in Pace: 68
% of Vehicles in Pace: 80 %
85th Percentile: 22
Total # Veh Surveyed: 85

Start Date: 10/20/09
End Date: 10/22/09
Start Time: 04:46 PM
End Time: 01:34 PM
Survey Zone: Railroad
Direction of travel:
South
(Approaching Sign)

Survey: Approaching Vehicles Only



RU2 Traffic Data Center
 3546 Western Blvd Plaza - Suite 243
 Phoenix, Arizona 34567
85th Percentile Speed and Pace Distribution

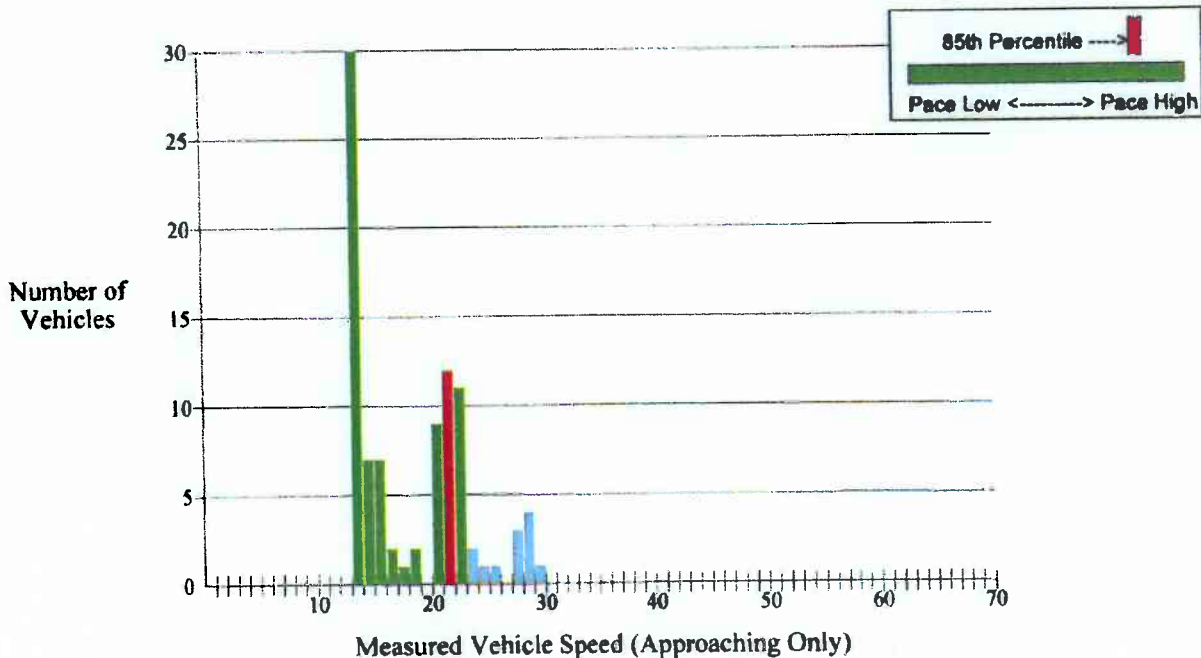
Batch Number: 102009-B

Survey Location: Fife PD Railroad if Speed Limit is 35 MPH

Posted Speed Limit: 35 MPH
 # At/Under Posted Speed: 85
 # Over Posted Speed: 0
 Average Speed: 18.4 MPH
 Pace Range: 13 to 23 MPH
 Total Vehicles in Pace: 68
 % of Vehicles in Pace: 80 %
 85th Percentile: 22
 Total # Veh Surveyed: 85

Start Date: 10/20/09
 End Date: 10/22/09
 Start Time: 04:46 PM
 End Time: 01:34 PM
 Survey Zone: Railroad

 Direction of travel..
 South
 (Approaching Sign)



RU2 Traffic Data Center
3548 Western Blvd Plaza - Suite 243
Phoenix, Arizona 34567
Traffic Summary (Week)

Batch Number: 102009-B

Survey report week of 10/19/09 -- 10/25/09
 Survey Start Date: 10/20/09 End Date: 10/22/09

Start Time: 04:48 PM
 End Time: 01:34 PM

Zone: Railroad
 Location: Fife PD Railroad if Speed Limit is 35 MPH

Direction of Travel: South

| Time | Mon-19 | Tue-20 | Wed-21 | Thu-22 | Fri-23 | Sat-24 | Sun-25 | Wk Day Avg | Wk End Avg |
|--------|--------|--------|--------|--------|--------|--------|--------|------------|------------|
| 12:AM | * | * | * | * | * | * | * | * | * |
| 1:00 | * | * | * | * | * | * | * | * | * |
| 2:00 | * | * | * | * | * | * | * | * | * |
| 3:00 | * | * | * | 1 | * | * | * | 1 | * |
| 4:00 | * | * | * | * | * | * | * | * | * |
| 5:00 | * | * | 1 | * | * | * | * | 1 | * |
| 6:00 | * | * | * | * | * | * | * | * | * |
| 7:00 | * | * | 11 | 6 | * | * | * | 9 | * |
| 8:00 | * | * | 1 | * | * | * | * | 1 | * |
| 9:00 | * | * | 1 | 16 | * | * | * | 9 | * |
| 10:00 | * | * | 2 | * | * | * | * | 2 | * |
| 11:00 | * | * | 1 | 6 | * | * | * | 4 | * |
| 12:PM | * | * | 2 | * | * | * | * | 2 | * |
| 1:00 | * | * | * | 1 | * | * | * | 1 | * |
| 2:00 | * | * | 8 | * | * | * | * | 8 | * |
| 3:00 | * | * | * | * | * | * | * | * | * |
| 4:00 | * | * | 4 | * | * | * | * | 4 | * |
| 5:00 | * | * | * | * | * | * | * | * | * |
| 6:00 | * | 3 | * | * | * | * | * | 3 | * |
| 7:00 | * | * | 3 | * | * | * | * | 3 | * |
| 8:00 | * | 5 | * | * | * | * | * | 5 | * |
| 9:00 | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * |
| 11:00 | * | 9 | 4 | * | * | * | * | 7 | * |
| Totals | 0 | 17 | 38 | 30 | 0 | 0 | 0 | 60 | |

RU2 Traffic Data Center
3546 Western Blvd Plaza - Suite 243
Phoenix, Arizona 34567
Speed vs Time

Batch Number: 102009-B

Survey Period: 10/20/09 - 10/22/09

Survey Zone: Railroad

Survey Location: Fife PD Railroad if Speed Limit is 35 MPH

Posted Speed Limit: 35 MPH

Date: Tuesday, Oct 20

(Approaching Vehicles Only)

| Time Span | Total | --- SPEED RANGES --- | | | | | | | | | | | | | | | | | |
|---------------|-------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---|
| | | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81+ | |
| 00:00 - 00:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 - 01:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 - 02:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 - 03:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 - 04:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 - 05:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06:00 - 06:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:00 - 07:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 - 08:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 09:00 - 09:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 - 10:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 - 11:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 - 12:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 - 13:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 - 14:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 - 15:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 - 16:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 - 17:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18:00 - 18:59 | 3 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19:00 - 19:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20:00 - 20:59 | 5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:00 - 21:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:00 - 22:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:00 - 23:59 | 9 | 0 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Date: Wednesday, Oct 21

| Time Span | Total | --- SPEED RANGES --- | | | | | | | | | | | | | | | | | |
|---------------|-------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---|
| | | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81+ | |
| 00:00 - 00:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 - 01:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 - 02:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 - 03:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 - 04:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 - 05:59 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06:00 - 06:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07:00 - 07:59 | 11 | 0 | 0 | 6 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 08:00 - 08:59 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 09:00 - 09:59 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10:00 - 10:59 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11:00 - 11:59 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:00 - 12:59 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 - 13:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 - 14:59 | 8 | 0 | 0 | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 - 15:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 - 16:59 | 4 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 - 17:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18:00 - 18:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19:00 - 19:59 | 3 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20:00 - 20:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21:00 - 21:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22:00 - 22:59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:00 - 23:59 | 4 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |