# U. S. DOT CROSSING INVENTORY FORM

**DEPARTMENT OF TRANSPORTATION**
FEDERAL RAILROAD ADMINISTRATION

**OMB No. 2130-0017**

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

| A. Revision Date *(MM/DD/YYYY)* | B. Reporting Agency | C. Reason for Update *(Select only one)* | D. DOT Crossing Inventory Number |
|---|---|---|---|
| 10 / 24 / 2022 | ☒ Railroad ☐ Transit ☐ State ☐ Other | ☒ Change in Data ☐ New Crossing ☐ Closed ☐ No Train Traffic ☐ Quiet Zone Update ☐ Re-Open ☐ Date Change Only ☐ Change in Primary Operating RR ☐ Admin. Correction | 193788N |

## Part I: Location and Classification Information

| 1. Primary Operating Railroad | 2. State | 3. County |
|---|---|---|
| Rapid City, Pierre & Eastern Railroad, Inc. [RCPE] | SOUTH DAKOTA | BROOKINGS |

| 4. City / Municipality | 5. Street/Road Name & Block Number | 6. Highway Type & No. |
|---|---|---|
| ☒ In ☐ Near ELKTON | Cornell Avenue *(Street/Road Name)* \| * *(Block Number)* | Local Street |

| 7. Do Other Railroads Operate a Separate Track at Crossing? | 8. Do Other Railroads Operate Over Your Track at Crossing? |
|---|---|
| ☐ Yes ☒ No If Yes, Specify RR | ☐ Yes ☒ No If Yes, Specify RR |

| 9. Railroad Division or Region | 10. Railroad Subdivision or District | 11. Branch or Line Name | 12. RR Milepost |
|---|---|---|---|
| ☐ None MIDWEST | ☐ None HURON | ☐ None MAIN LINE | \| 0274.70 \| *(prefix) \| (nnnn.nnn) \| (suffix)* |

| 13. Line Segment * | 14. Nearest RR Timetable Station * | 15. Parent RR *(if applicable)* | 16. Crossing Owner *(if applicable)* |
|---|---|---|---|
| | ELKTON | ☒ N/A | ☒ N/A |

| 17. Crossing Type | 18. Crossing Purpose | 19. Crossing Position | 20. Public Access *(if Private Crossing)* | 21. Type of Train | 22. Average Passenger Train Count Per Day |
|---|---|---|---|---|---|
| ☒ Public ☐ Private | ☒ Highway ☐ Pathway, Ped. ☐ Station, Ped. | ☒ At Grade ☐ RR Under ☐ RR Over | ☐ Yes ☐ No | ☒ Freight ☐ Intercity Passenger ☐ Commuter ☐ Transit ☐ Shared Use Transit ☐ Tourist/Other | ☐ Less Than One Per Day ☐ Number Per Day 0 |

**23. Type of Land Use**
☐ Open Space ☐ Farm ☒ Residential ☐ Commercial ☐ Industrial ☐ Institutional ☐ Recreational ☐ RR Yard

| 24. Is there an Adjacent Crossing with a Separate Number? | 25. Quiet Zone *(FRA provided)* |
|---|---|
| ☐ Yes ☒ No If Yes, Provide Crossing Number | ☒ No ☐ 24 Hr ☐ Partial ☐ Chicago Excused Date Established |

| 26. HSR Corridor ID | 27. Latitude in decimal degrees | 28. Longitude in decimal degrees | 29. Lat/Long Source |
|---|---|---|---|
| ☒ N/A | *(WGS84 std: nn.nnnnnnn)* 44.23935 | *(WGS84 std: -nnn.nnnnnnn)* -96.486097 | ☐ Actual ☒ Estimated |

| 30.A. Railroad Use * | 31.A. State Use * |
|---|---|
| 30.B. Railroad Use * | 31.B. State Use * |
| 30.C. Railroad Use * | 31.C. State Use * |
| 30.D. Railroad Use * | 31.D. State Use * |
| 32.A. Narrative *(Railroad Use)* * | 32.B. Narrative *(State Use)* * |

| 33. Emergency Notification Telephone No. *(posted)* | 34. Railroad Contact *(Telephone No.)* | 35. State Contact *(Telephone No.)* |
|---|---|---|
| 800-800-3490 | 800-800-3490 | 605-773-5727 |

## Part II: Railroad Information

1. Estimated Number of Daily Train Movements

| 1.A. Total Day Thru Trains *(6 AM to 6 PM)* | 1.B. Total Night Thru Trains *(6 PM to 6 AM)* | 1.C. Total Switching Trains | 1.D. Total Transit Trains | 1.E. Check if Less Than One Movement Per Day |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | ☒ How many trains per week? 55 |

| 2. Year of Train Count Data *(YYYY)* | 3. Speed of Train at Crossing |
|---|---|
| 2019 | 3.A. Maximum Timetable Speed *(mph)* 40<br>3.B. Typical Speed Range Over Crossing *(mph)* From 0 to 40 |

4. Type and Count of Tracks

Main 1 Siding 0 Yard 0 Transit 0 Industry 0

5. Train Detection *(Main Track only)*
☐ Constant Warning Time ☒ Motion Detection ☐ AFO ☐ PTC ☐ DC ☐ Other ☐ None

| 6. Is Track Signaled? | 7.A. Event Recorder | 7.B. Remote Health Monitoring |
|---|---|---|
| ☒ Yes ☐ No | ☒ Yes ☐ No | ☐ Yes ☐ No |

# U. S. DOT CROSSING INVENTORY FORM

| A. Revision Date *(MM/DD/YYYY)* | PAGE 2 | D. Crossing Inventory Number *(7 char.)* |
|---|---|---|
| 10/24/2022 | | 193788N |

## Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? ☒ Yes ☐ No

**2. Types of Passive Traffic Control Devices associated with the Crossing**

| 2.A. Crossbuck Assemblies *(count)* | 2.B. STOP Signs *(R1-1) (count)* | 2.C. YIELD Signs *(R1-2) (count)* | 2.D. Advance Warning Signs *(Check all that apply; include count)* ☐ None |
|---|---|---|---|
| 2 | 0 | 2 | ☒ W10-1 2 ☐ W10-3 0 ☐ W10-11 0 ☐ W10-2 0 ☐ W10-4 0 ☐ W10-12 0 |

| 2.E. Low Ground Clearance Sign *(W10-5)* | 2.F. Pavement Markings | 2.G. Channelization Devices/Medians | 2.H. EXEMPT Sign *(R15-3)* | 2.I. ENS Sign *(I-13)* Displayed |
|---|---|---|---|---|
| ☐ Yes *(count_____)* ☒ No | ☐ Stop Lines ☐ Dynamic Envelope ☒ RR Xing Symbols ☐ None | ☐ All Approaches ☐ Median ☐ One Approach ☒ None | ☐ Yes ☒ No | ☒ Yes ☐ No |

| 2.J. Other MUTCD Signs ☐ Yes ☒ No | 2.K. Private Crossing Signs *(if private)* | 2.L. LED Enhanced Signs *(List types)* |
|---|---|---|
| Specify Type _____ Count _____<br>Specify Type _____ Count _____<br>Specify Type _____ Count _____ | ☐ Yes ☐ No | |

**3. Types of Train Activated Warning Devices at the Grade Crossing *(specify count of each device for all that apply)***

| 3.A. Gate Arms *(count)* | 3.B. Gate Configuration | 3.C. Cantilevered *(or Bridged)* Flashing Light Structures *(count)* | 3.D. Mast Mounted Flashing Lights *(count of masts)* 2 | 3.E. Total Count of Flashing Light Pairs |
|---|---|---|---|---|
| Roadway 2<br>Pedestrian 0 | ☒ 2 Quad ☐ Full *(Barrier)* Resistance<br>☐ 3 Quad<br>☐ 4 Quad ☐ Median Gates | Over Traffic Lane 0 ☐ Incandescent<br>Not Over Traffic Lane 0 ☐ LED | ☐ Incandescent ☒ LED<br>☒ Back Lights Included ☐ Side Lights Included | 4 |

| 3.F. Installation Date of Current Active Warning Devices: *(MM/YYYY)* | 3.G. Wayside Horn | 3.H. Highway Traffic Signals Controlling Crossing | 3.I. Bells *(count)* |
|---|---|---|---|
| 10 / 2022 ☐ Not Required | ☐ Yes Installed on *(MM/YYYY)* _____/_____ ☒ No | ☐ Yes ☒ No | 2 |

| 3.J. Non-Train Active Warning | 3.K. Other Flashing Lights or Warning Devices |
|---|---|
| ☐ Flagging/Flagman ☐ Manually Operated Signals ☐ Watchman ☐ Floodlighting ☒ None | Count 0 Specify type _____ |

| 4.A. Does nearby Hwy Intersection have Traffic Signals? | 4.B. Hwy Traffic Signal Interconnection | 4.C. Hwy Traffic Signal Preemption | 5. Highway Traffic Pre-Signals | 6. Highway Monitoring Devices *(Check all that apply)* |
|---|---|---|---|---|
| ☐ Yes ☒ No | ☒ Not Interconnected<br>☐ For Traffic Signals<br>☐ For Warning Signs | ☐ Simultaneous<br>☐ Advance | ☐ Yes ☒ No<br>Storage Distance * _____<br>Stop Line Distance * _____ | ☐ Yes - Photo/Video Recording<br>☐ Yes – Vehicle Presence Detection<br>☒ None |

## Part IV: Physical Characteristics

| 1. Traffic Lanes Crossing Railroad | 2. Is Roadway/Pathway Paved? | 3. Does Track Run Down a Street? | 4. Is Crossing Illuminated? *(Street lights within approx. 50 feet from nearest rail)* |
|---|---|---|---|
| ☐ One-way Traffic ☒ Two-way Traffic ☐ Divided Traffic<br>Number of Lanes 2 | ☒ Yes ☐ No | ☐ Yes ☒ No | ☐ Yes ☒ No |

5. Crossing Surface *(on Main Track, multiple types allowed)* Installation Date * *(MM/YYYY)* _____/_____ Width * _____ Length * _____

☒ 1 Timber ☐ 2 Asphalt ☐ 3 Asphalt and Timber ☐ 4 Concrete ☐ 5 Concrete and Rubber ☐ 6 Rubber ☐ 7 Metal
☐ 8 Unconsolidated ☐ 9 Composite ☐ 10 Other *(specify)* _____

| 6. Intersecting Roadway within 500 feet? | 7. Smallest Crossing Angle | 8. Is Commercial Power Available? * |
|---|---|---|
| ☒ Yes ☐ No If Yes, Approximate Distance *(feet)* 160 | ☐ 0° – 29° ☐ 30° – 59° ☒ 60° - 90° | ☒ Yes ☐ No |

## Part V: Public Highway Information

| 1. Highway System | 2. Functional Classification of Road at Crossing | 3. Is Crossing on State Highway System? | 4. Highway Speed Limit |
|---|---|---|---|
| ☐ (01) Interstate Highway System<br>☐ (02) Other Nat Hwy System (NHS)<br>☒ (03) Federal AID, Not NHS<br>☐ (08) Non-Federal Aid | ☒ (0) Rural ☐ (1) Urban<br>☐ (1) Interstate ☒ (5) Major Collector<br>☐ (2) Other Freeways and Expressways<br>☐ (3) Other Principal Arterial ☐ (6) Minor Collector<br>☐ (4) Minor Arterial ☐ (7) Local | ☐ Yes ☒ No | 30 MPH ☒ Posted ☐ Statutory |

5. Linear Referencing System *(LRS Route ID)* *

6. LRS Milepost *

| 7. Annual Average Daily Traffic *(AADT)* | 8. Estimated Percent Trucks | 9. Regularly Used by School Buses? | 10. Emergency Services Route |
|---|---|---|---|
| Year 2020 AADT 1148 | 13 % | ☒ Yes ☐ No Average Number per Day 10 | ☒ Yes ☐ No |

**Submission Information** - *This information is used for administrative purposes and is not available on the public website.*

Submitted by _____ Organization _____ Phone _____ Date _____