



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

DEPARTMENT OF TRANSPORTATION

CARLOS M. BRACERAS, P.E.
Executive Director

SHANE M. MARSHALL, P.E.
Deputy Director

June 6, 2017

Bill Young
Logan City
290 North 100 West
Logan, UT 84321

Subject: Surveillance Report
1400 North 600 West in Logan
Crossing No.: 806354Y

Dear Mr. Young,

In accordance with Utah Administrative Rule R930-5, a highway railroad grade crossing surveillance review was conducted on February 1, 2017 for the above crossing in Pleasant View, Utah.

Review Team:

Eric Cheng, UDOT; Tom Dickinson, Logan City; Jed Al-Imari, Logan City; Bill Young, Logan City; Lance Kippen; Union Pacific Railroad; Nate Jones, AECOM; John Van Hoff, AECOM (UDOT); Travis Bailey, AECOM

Background Information:

An intersection improvement and rehabilitation project on 1400 North in Logan will affect the railroad crossing at 600 West. The intersection is currently a 4-way stop, but will be upgraded to become a fully signalized intersection. The railroad crossing is located approximately 40 feet east of the intersection, and is controlled by crossbucks with yield signs. This line is used only a few times per week with train speeds not exceeding 10 mph.

Specific Recommendations:

1. The crossing will be upgraded to feature lights and gates, including in the median.
2. The new traffic signal at the intersection will be constructed with railroad interconnection.



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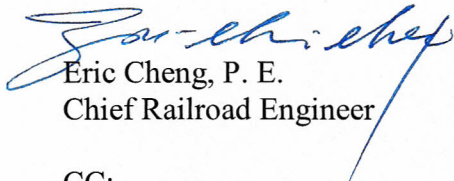
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3. The new traffic signal will include a pre-signal which will provide adequate traffic control for all three westbound lanes. Therefore, no railroad cantilevers will be required.
4. Pedestrian safety devices per the *Rural Pedestrian Grade Crossings Flow Chart*, which is included in the UDOT Pedestrian Grade Crossing Manual.
5. Replace all crossing panels and extend panels to 3 ft beyond the sidewalk.
6. Install pavement markings to meet UDOT Standard Drawing ST-07.

If you have any questions regarding this letter, please feel free to contact me at 801-965-4284.

Sincerely,



Eric Cheng, P. E.
Chief Railroad Engineer

CC:

Lance Kippen; Union Pacific Railroad
John Van Hoff, AECOM
Travis Bailey, AECOM