Exh. EM-5
For new public project requests: [Union Pacific Public Project Request [up.com]
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For new utility crossing/permit: [Union Pacific Utility Crossing/Permit [up.com]
[nam12.safelinks.protection.outlook.com] [nam12.safelinks.protection.outlook.com]

From: Robert Lochmiller <rlochmiller@spokanevalley.org>
Sent: Tuesday, December 8, 2020 2:04 PM
To: Mays, Ellis <EMays@benesch.com>; Jeff Morse <jmorse@spokanevalley.org>
Cc: Gloria Mantz <gmantz@spokanevalley.org>; Mary R. Schroll <MRSCROL@up.com>; Morgan Bishop <morgan@csrow.com>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis,

City is OK with this and would like to proceed with the agreement. City will likely need some RR flagging for the City’s contractor to complete the road improvements within the UPRR ROW too. So, if the City’s contractor isn’t able to work within the UPRR ROW at the same time of the UPRR construction work, then we should probably add another 15 days to the flagging.

Let us know, if there is anything is needed from us to proceed with the ROW/permanent easement needed for the project.

Thanks,
Rob

Robert Lochmiller, PE | Senior Engineer
10210 E. Sprague Avenue | Spokane Valley, WA 99206
(509) 720-5010 | rlochmiller@spokanevalley.org

This email and any attachments may be subject to disclosure pursuant to Washington State’s Public Record Act, chapter 42.56 RCW.

From: Mays, Ellis <EMays@benesch.com>
Sent: Monday, December 7, 2020 3:56 PM
To: Jeff Morse <jmorse@spokanevalley.org>
Cc: Gloria Mantz <gmantz@spokanevalley.org>; Robert Lochmiller <rlochmiller@spokanevalley.org>;
Jeff,

Please see attached for reference.

I have attached the following, with explanation:

1. Exhibit C - Exhibit to the agreement which includes the total cost of UPRR work to include construction management, flagging, track, and signal work. I have estimated the work on UPRR ROW to be 15 days or less (please advise if otherwise).
2. Detailed Surface Estimate
3. Detailed Signal Estimate
4. Signal Design Front Sheet
5. AREMA Annual Maintenance Costs – Annual maintenance cost that the City will be billed for on a yearly basis for the maintenance of traffic control devices at this location

With your concurrence I will proceed with a draft agreement using the ROW exhibits previously sent by the City.

Thanks,

Ellis A. Mays | Project Manager

Alfred Benesch & Company | 3017 Douglas Blvd, Ste 300, Roseville, CA 95661
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From: Mays, Ellis
Sent: Tuesday, December 1, 2020 8:19 AM
To: Jeff Morse <jmorse@spokanevalley.org>
Cc: Gloria Mantz <gmantz@spokanevalley.org>; Robert Lochmiller <rlochmiller@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Jeff,

I do know that the signal design is not yet complete, however, I spoke with the design consultant yesterday and I believe it will be forthcoming very shortly. As soon as I get it I will forward it to you for your approval.

Thanks,
Jeff Morse

Do we have an update on the signal design process? It’s been a few weeks and I want to stay on top of this and keep it moving forward as much as possible.

Thanks you.

Jeff Morse

Ellis

Understood – we will continue to work towards that!

Thanks,

Ellis A. Mays | Project Manager
From: Robert Lochmiller <rlochmiller@spokanevalley.org>
Sent: Wednesday, November 4, 2020 9:28 AM
To: Mays, Ellis <EMays@benesch.com>; Jeff Morse <jmorse@spokanevalley.org>
Cc: Gloria Mantz <gmantz@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis,

It usually takes 4 to 5 weeks for FHWA to certify the ROW. With that, we would like to see the C&M agreement by the first week of January to review it. Then typically takes us two weeks to get Council approval, so our manager could sign it.

Thanks,
Rob

From: Mays, Ellis <EMays@benesch.com>
Sent: Tuesday, October 27, 2020 5:41 PM
To: Robert Lochmiller <rlochmiller@spokanevalley.org>; Jeff Morse <jmorse@spokanevalley.org>
Cc: Gloria Mantz <gmantz@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Rob,

How long will it take to certify after the agreement? What is the hard date for the City to have an agreement in their hands for review?

Thanks,

Ellis A. Mays | Project Manager

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Ellis,

City prefers to bid our projects in the winter season (Nov.-Feb), prior to the following construction season, for the best bid results. We like to advertise this project by February at the latest, for construction in Summer 2021. With federal funds on this project, we need the C&M agreement executed, so the feds can certify our right-of-way. Without right-of-way certification, the feds will not let us obligate the construction funds and we cannot proceed to bid advertisement.

Thanks,
Rob

From: Mays, Ellis <EMays@benesch.com>
Sent: Monday, October 26, 2020 5:38 PM
To: Jeff Morse <jmorse@spokanevalley.org>
Cc: Robert Lochmiller <rochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Jeff,

Can you remind me your optimal bid date? What’s the date all contracts will be need to be executed?

Thanks,

Ellis A. Mays | Project Manager

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[nam12.safelinks.protection.outlook.com] [nam12.safelinks.protection.outlook.com]

From: Jeff Morse <jmorse@spokanevalley.org>
Sent: Monday, October 26, 2020 6:56 AM
To: Mays, Ellis <EMays@benesch.com>
Cc: Robert Lochmiller <rochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>
Subject: FW: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis I have not heard back from you regarding the estimated time line for completion of the signal design. We are coming up on the end of the year fast and I am concerned about making our optimal bid time for the 2021 construction season.

Sincerely.
From: Jeff Morse
Sent: Monday, October 19, 2020 2:35 PM
To: 'Mays, Ellis' <EMays@benesch.com>
Cc: Robert Lochmiller <rlochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>; Mary R. Schroll <MRSCHROL@up.com>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis

Thanks you for the information on what to expect next. Do you have a time line on when the design will be completed?

Thanks

JEFF MORSE

From: Mays, Ellis <EMays@benesch.com>
Sent: Monday, October 19, 2020 12:13 PM
To: Jeff Morse <jmorse@spokanevalley.org>
Cc: Robert Lochmiller <rlochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>; Mary R. Schroll <MRSCHROL@up.com>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Jeff,

The estimate has not been completed yet, however, I can provide the after steps.
When the estimate is received I will create a project estimate which will include the signal estimate, surface estimate, flagging costs, and other construction related cost. Pending your approval of that estimate and the new annual signal maintenance fee UPRR will draft the construction agreement for the city to review and execution.

Thanks,

Ellis A. Mays | Project Manager

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From: Jeff Morse <jmorse@spokanevalley.org>
Sent: Monday, October 19, 2020 11:17 AM
To: Mays, Ellis <EMays@benesch.com>
Cc: Robert Lochmiller <rlochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis

I hope all has been going well for you. I am checking the status of the signal design. It has been about 3 months since we finalized the layout around the tracks. What is the status of the design and if it is completed what is our next step?

Sincerely.

JEFF MORSE

From: Mays, Ellis <EMays@benesch.com>
Sent: Monday, September 28, 2020 11:58 AM
To: Jeff Morse <jmorse@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C
Jeff,

I do not have an exact measurement of the process, however typical estimates are 3 months. I will let you know if I hear any new information.

Thanks,

Ellis A. Mays | Project Manager

Alfred Benesch & Company | 3017 Douglas Blvd, Ste 300, Roseville, CA 95661
C 402-427-4231 | E emays@benesch.com | W www.benesch.com

From: Jeff Morse <jmorse@spokanevalley.org>
Sent: Monday, September 28, 2020 11:50 AM
To: Mays, Ellis <EMays@benesch.com>
Cc: Robert Lochmiller <rlochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis

This email is in regards to the signal design. I am checking the status and to see if you have an ETA for the signal design.

Sincerely.

JEFF MORSE

Jeff Morse | Engineering Technician – CAD Administrator
10210 E. Sprague Avenue | Spokane Valley, WA 99206
Phone: (509) 720-5022 | jmorse@spokanevalley.org

From: Mays, Ellis <EMays@benesch.com>
Sent: Sunday, September 6, 2020 3:28 PM
To: Jeff Morse <jmorse@spokanevalley.org>
Cc: Robert Lochmiller <rlochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>
Betty Young - Utilities and Transportation Commission (UTC)/Rail Safety (betty.young@utc.wa.gov)
Jeff,

I will pass this on to UPRR, however, it is typical that they do not sign until the agreement is circulating. I am hopeful that I will receive the signal estimate soon so that I can provide it to the city for concurrence and subsequently I can ask UPRR to draft that agreement.

Thanks,

Ellis A. Mays | Project Manager
Alfred Benesch & Company | 3017 Douglas Blvd, Ste 300, Roseville, CA 95661
C 402-427-4231 | E emays@benesch.com | W www.benesch.com

---

From: Jeff Morse <jmorse@spokanevalley.org>
Sent: Thursday, September 3, 2020 11:07 AM
To: Mays, Ellis <EMays@benesch.com>
Cc: Robert Lochmiller <rlochmiller@spokanevalley.org>; Gloria Mantz <gmantz@spokanevalley.org>; Betty Young - Utilities and Transportation Commission (UTC)/Rail Safety <betty.young@utc.wa.gov>; Turcott, Mike (UTC) <mike.turcott@utc.wa.gov>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

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Ellis

Attached is the UTC petition document. Rob has signed for the City and I added the crossing exhibit for reference. Once Mary Schroll has signed, please return and I will forward onto Betty and Mike at UTC.

Thank you for your work on this project.

Sincerely.

JEFF MORSE

Jeff Morse | Engineering Technician – CAD Administrator
10210 E. Sprague Avenue | Spokane Valley, WA 99206
Jeff, 

Good catch – it should be 81 ft (10 panels) – that is how I requested the estimate.

Thanks,

Ellis A. Mays | Project Manager

Alfred Benesch & Company | 3017 Douglas Blvd, Ste 300, Roseville, CA 95661
C 402-427-4231 | E emays@benesch.com | W www.benesch.com

From: Mays, Ellis <EMays@benesch.com> 
Sent: Thursday, September 3, 2020 7:14 AM 
To: Jeff Morse <jmorse@spokanevalley.org> 
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis 

I just noticed the distance for the new crossing surface seems short. The plans dimension it at almost 81’ and the description in section 7 is 64’. I will change to 81’ unless you say otherwise.

Take Care.

JEFF MORSE

Jeff Morse | Engineering Technician – CAD Administrator
10210 E. Sprague Avenue | Spokane Valley, WA 99206
Phone: (509) 720-5022 | jmorse@spokanevalley.org
From: Mays, Ellis <EMays@benesch.com>
Sent: Wednesday, September 2, 2020 4:35 PM
To: Jeff Morse <jmorse@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Jeff,

My intent was simply to provide the roadway configuration. It can probably be removed from the parenthesis. Other than that it looks good.

Thanks,

Ellis A. Mays | Project Manager

From: Jeff Morse <jmorse@spokanevalley.org>
Sent: Wednesday, September 2, 2020 2:03 PM
To: Mays, Ellis <EMays@benesch.com>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

Ellis

Here is a snap shot of the narrative in Sections 6 and 7. I was a little confused about what you intended in Section 6 with regards to the travel lanes. I think I captured your intent. Please review and let me know.
Section 6 – Current Warning Devices

Provide a complete description of the warning devices currently located at the crossing (vehicle and pedestrian), including signs, gates, lights, train detection circuitry and any other warning devices.

One cantilever and one quad gate/flashing light for each direction of travel. Southbound gate/flashing light has side flares for eastbound Euclid Avenue travel. (1 driving lane southbound and 1 driving lane northbound) Nine (9) flashers sets and two (2) bells total.

Two stop bars, two W10-1 approach signs, and two RR Xing pavement markings and W10-4 on the parallel roads, Euclid Avenue north and south sides of the tracks.

Section 7 – Description of Proposed Changes

Describe in detail the number and type of proposed automatic signals (vehicle and pedestrian), gates or other warning devices, and/or changes to train detection circuitry. Please describe any other proposed changes at the crossing, including changes to the crossing surface, signage, pavement markings, etc. If sidewalks are being installed, please provide information on who will maintain them. (Attach additional information sheets, if needed.)

One cantilever, and one quad gate/flashing light for each direction of travel. Northbound cantilever provides flasher for both lanes. Southbound cantilever also has 2 sidelights for eastbound Euclid Avenue and westbound access road travel. (2 driving lanes northbound, 1 driving lane southbound and 1 multi-use path on east side to be maintained by City). Nine (9) flashers and three (3) bells total.

Two stop bars, two W10-1 approach signs, two W10-4 approach signs, two RR Xing pavement markings and other signage in accordance with the MUTCD.

Replace concrete crossing surface with new wider 64 ft concrete crossing surface in order to accommodate traffic lanes and multi-use path.

Thanks

JEFF MORSE

Jeff Morse | Engineering Technician – CAD Administrator
10210 E. Sprague Avenue | Spokane Valley, WA 99206
Phone: (509) 720-5022 | jmorse@spokanevalley.org

From: Mays, Ellis <EMays@benesch.com>
Sent: Wednesday, September 2, 2020 9:11 AM
To: Jeff Morse <jmorse@spokanevalley.org>
Subject: RE: 0313 Barker Rd UP crossing - Spokane Valley, WA, MP 0012.990, DOT 662526C

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