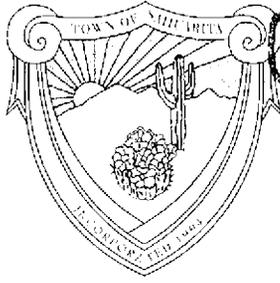


NEW APPLICATION



ORIGINAL Town of S



RECEIVED Public Works Department

2009 JUN -2 A 10: 12

May 26, 2009

ACC CORP COMMISSION
DOCKET CONTROL

Arizona Corporation Commission
DOCKETED

JUN -2 2009

Chris Watson
Arizona Corporation Commission
Railroad Safety Section
2200 N. Central Ave, Suite #300
Phoenix, AZ 85004

DOCKETED BY
nr

Re: Arizona Corporation Commission Application for Rail Crossing Improvements
Rancho Sahuarita Blvd (Greenough Ranch Rd) at Pima Mine Road
DOT #742177R
Sahuarita Project # 2044000 07P03
Psomas Project #7SAH084505

RR-03639A-09-0282

Mr. Watson:

This letter is submitted to the Arizona Corporation Commission (ACC) as an application to request an upgrade to an existing Union Pacific Railroad (UPRR) crossing in the Town of Sahuarita. The paragraphs below provide an explanation and justification for the project. The attached exhibits further illustrate project features.

Location of Crossing

The crossing is located in Township 16S, Range 13E, Section 36, Gila and Salt River Meridian in the Town of Sahuarita, Arizona. The rail line is a spur that serves the Asarco Mission Mine and connects to UPRR's Nogales line. The DOT crossing number is 742177R. A field meeting was held on May 2, 2007 with the ACC (Brian Lehman), UPRR, the Town of Sahuarita, and Psomas (the Town's consultant) to discuss the project.

Why the Crossing is Needed

Continued use of the crossing is needed to provide access to Pima Mine Road and I-19 towards Tucson for over 8,000 vehicles per day. Without the crossing many residents would be required to make a detour of more than 5 miles to access I-19, as there are no other rail crossings between I-19 and the Santa Cruz River. This project provides traffic signal and roadway widening improvements aimed at improving traffic safety.

Why the Existing Crossing Cannot be Grade Separated

Because of the proximity of the crossing to the intersection with Pima Mine Road, elevating Rancho Sahuarita Boulevard would require also elevating Pima Mine Road. This would likely require construction and permanent impacts within the San Xavier District of the Tohono

Oódhm Nation. In addition, an elevated intersection would affect view sheds for landowners south of the railroad. Further, train volumes at this location are low (3 or less trains per day) and train operating speeds are also very low. Finally, none of the conditions in the FHWA Grade Separation Guidelines are met.

Types of Warning Devices to be Installed

The improved crossing will add flasher signals and gates on the median and edge of the roadway, a cantilever for the northbound direction, railroad pavement markings and crossing signs, and simultaneous pre-emption with the signal and pre-signal to be installed at Pima Mine Road.

Types of Warning Devices Currently Installed

The existing crossing has railroad pavement markings and crossing signs, but no flasher signals, gates or cantilevers.

Who will Maintain the Crossing Warning Devices

UPRR will own and maintain the physical elements of the crossing (crossing surface, gates, flashers). The Town of Sahuarita will maintain the approaching surface, signing and pavement markings on the road approaches and the traffic signal at the intersection,

Who is Funding the Project

The project is funded by the Town of Sahuarita.

We look forward to working with UPRR and the ACC on this important safety project. The agreement between the Town and UPRR is currently being finalized and will be provided prior to the hearing for the project. If you have any questions regarding this application please contact Rick Robinson at (520) 399-3339, or via email at rrobinson@ci.sahuarita.az.us.

Sincerely,



Farhad Moghimi, P.E.
Public Works Director
Town of Sahuarita

cc. Aziz Aman – Union Pacific Railroad
Rick Robinson – Town of Sahuarita
Alejandro Angel - Psomas

Attachments: Exhibit of Roadway Signing and Marking Improvements
Exhibit of Railroad Traffic Control Improvements
Correspondence regarding the status of the UPRR/Sahuarita Agreement



18+00

17+00

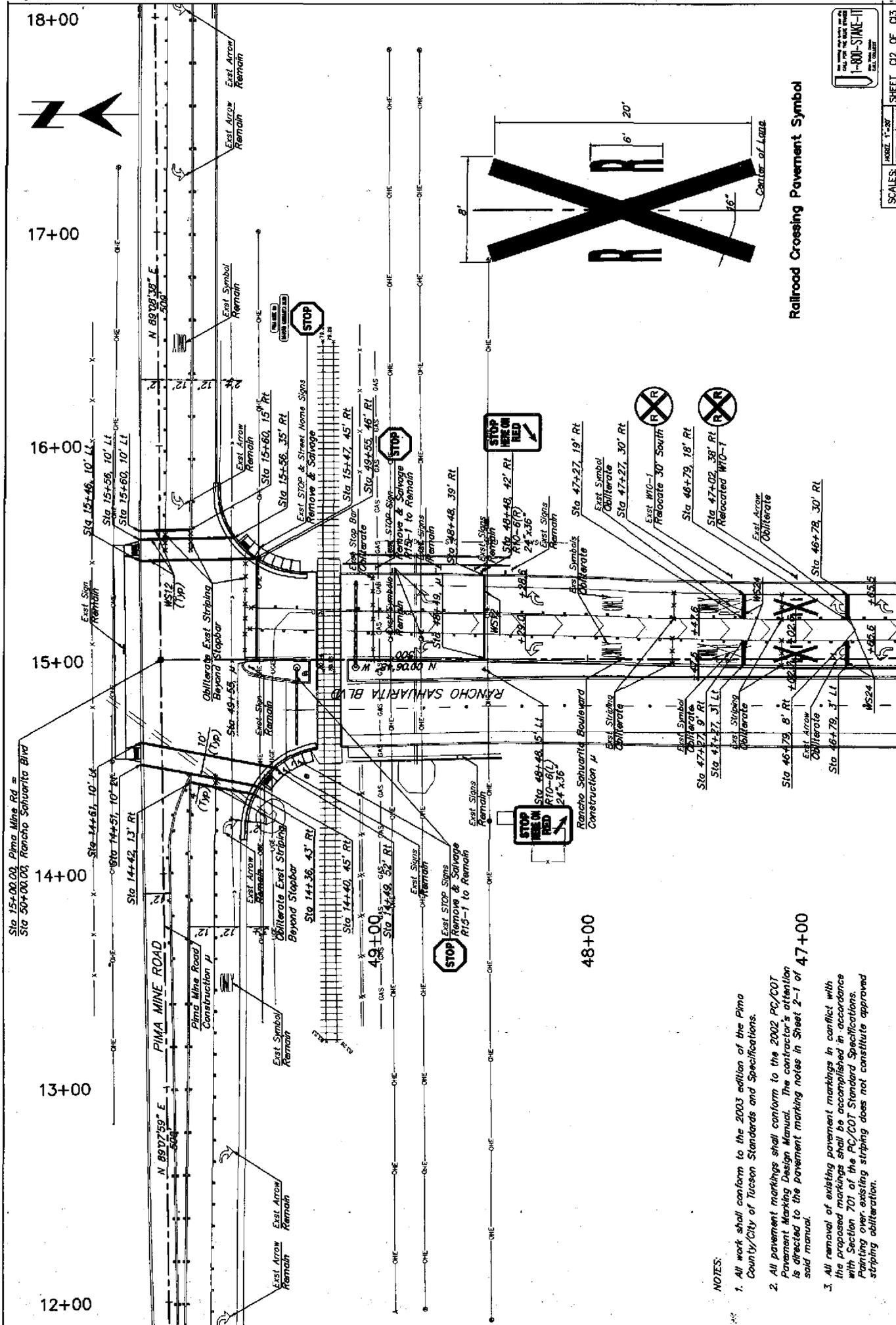
16+00

15+00

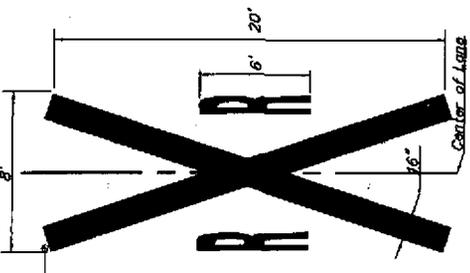
14+00

13+00

12+00



Railroad Crossing Pavement Symbol



NOTES:

1. All work shall conform to the 2003 edition of the Pima County/City of Tucson Standards and Specifications.
2. All pavement markings shall conform to the 2002 PC/COT Pavement Marking Design Manual. The contractor's attention is directed to the pavement marking notes in Sheet 2-1 of 47+00 said manual.
3. All removal of existing pavement markings in conflict with the proposed markings shall be accomplished in accordance with Section 701 of the PC/COT Standard Specifications. Painting over existing striping does not constitute approved striping obliteration.

TO END OF TRACK

1320' ± 25' SEC. B 30 M.P.H.

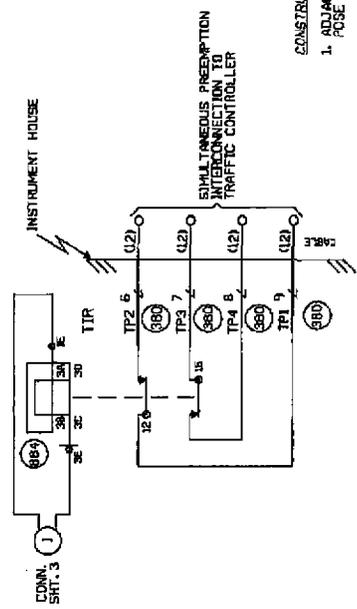
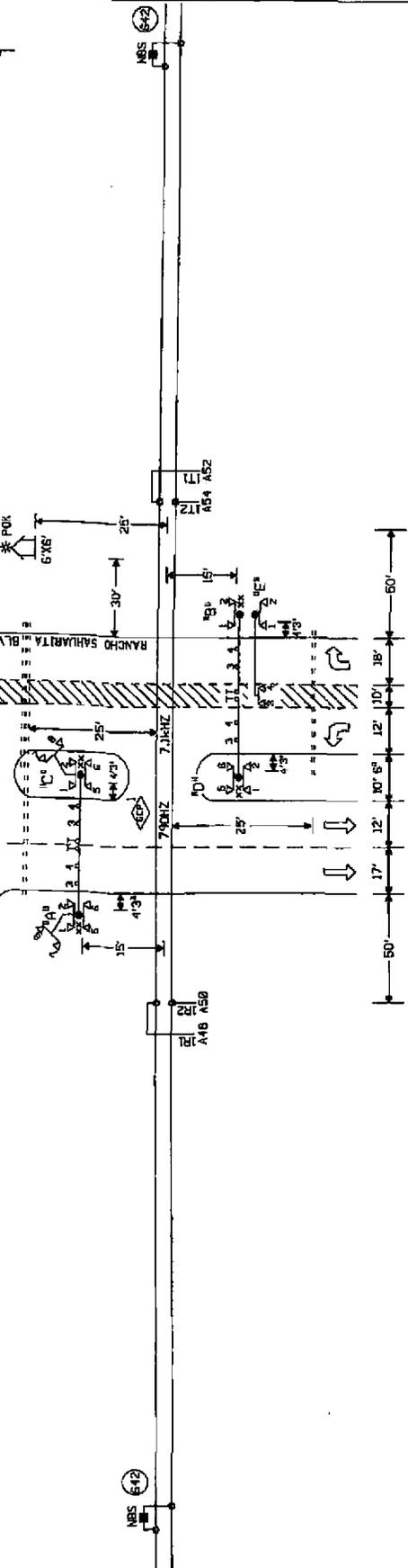
TO MAINLINE

1320' ± 25' SEC. B 30 M.P.H.

PIMA MINE ROAD

RANCHO SAHJARITA BLVD.

7.0KHZ



NOTES:

- ⊗ = TWISTED WIRES INSULATED 1 TWIST PER FT. ALL TRACK WIRES 2C.#6
- TRANSMITTER AND RECEIVER LEADS TO BE SEPARATED BY AT LEAST 12" IN TRENCH. LENGTHS SHOULD NOT EXCEED MANUFACTURER'S RECOMMENDATION.
- TOP OF FOUNDATION TO BE AT SAME ELEVATION AS THE SURFACE OF THE INVEIGLED WAYS & MORE THAN 4" ABOVE THE SURFACE OF THE GROUND.
- ALL SIGNAL MOUNTING SPECIFIED EXCEPT ALL GROUND WIRE TO BE #6 AWG FLEX OR LARGER.
- ALL WIRING IN GATE MECHANISM TO BE #10 AWG FLEX.
- REFER TO UP STANDARD DWG FOR BUNGALOW GROUNDING.
- ALL LIGHTS TO BE 12" ROUND.
- ===== 4" X 180' CONDUIT
- LIGHTS: LED LIGHTS
- GATE A: 2'
- GATE B: 2'
- GATE C: 20'
- GATE D: 21'
- CANTILEVER E: 27'
- ** = BELL

CONSTRUCTION NOTES:

- 1. ADJACENT POWER LINES ON BOTH SIDES OF TRACK MAY POSE PROBLEM WITH THE HEIGHT OF CANTILEVER.
- 2. POINTED MEDIAN WILL BECOME TURN LANE WITHIN FIVE YEARS. CANTILEVER TO BE INSTALLED NOW.
- 3. AT GATE A, C, WIDTH OF ROAD FROM FACE-OF-CURB TO FACE-OF-CURB IS APPROXIMATELY 32 FEET.
- 4. FIELD VERIFY CURBING AT GATE B AND CANTILEVER E.

NEW SHEET
 SAHJARITA, ARIZONA
 RANCHO SAHJARITA BLVD.
 M.P. 1000.86
 ASSESS. MAIN LANE
 01.17.74E 177R

UNION PACIFIC RAILROAD		DATE 05-15-86
SAHJARITA, ARIZONA		SHEET 1
HIGHWAY CROSSING SIGNALS		DWG. 1000.86
CONTROL CIRCUITS		RTE-BAN

CABLE TABULATION
 CABLE NO.12 U.G.B.T. HOUSE TO TRAFFIC CONTROLLER

UNION PACIFIC	DESIGN	DATE
IN	CHK.	DATE
BY	BY	DATE
BY	BY	DATE

INSTALL. PLANS	DATE	BY
CHECKED	DATE	BY
DATE	BY	DATE
DATE	BY	DATE

DESIGNED BY: SAHJARITA, ARIZONA
 DRAWN BY: SAHJARITA, ARIZONA
 CHECKED BY: SAHJARITA, ARIZONA
 DATE: 05-15-86

Alejandro Angel

From: Brian Lehman [BLEhman@azcc.gov]
Sent: Monday, May 11, 2009 8:27 AM
To: AAMAN@up.com; Alejandro Angel
Cc: Rick Robinson; Chris Watson
Subject: RE: Sahuarita Blvd, Agreement and ACC. RR MP 1000.86, AS & R Main Lead, Sahuarita AZ. DOT 742 177R

Aziz,

Typically the agreement is part of the application, but there is nothing in regulation that says you can't submit the application before the agreement is finalized. If you are confident that there will be no issues then go ahead with the application to create a docket and then the agreement can be submitted to the docket when finalized. Keep in mind, that the Hearing Division will schedule a hearing shortly after the docket is opened, probably within two weeks. However, the hearing itself could be a month or more out when the date is set. The agreement should be in docket before the hearing takes place or else the ALJ may not go forward with the hearing.

Brian H. Lehman
 Supervisor of Railroad Safety
 Arizona Corporation Commission
 2200 N. Central Ave. Suite 300
 Phoenix, AZ. 85004
 602-262-5601
 blehman@azcc.gov

From: AAMAN@up.com [mailto:AAMAN@up.com]
Sent: Friday, May 08, 2009 4:34 PM
To: Alejandro Angel
Cc: AAMAN@up.com; Rick Robinson; Brian Lehman
Subject: Sahuarita Blvd, Agreement and ACC. RR MP 1000.86, AS & R Main Lead, Sahuarita AZ. DOT 742 177R

Yes, in your application indicate that UPRR and the Town of Sahuarita are finalizing the agreement.

Brain, would you agree that the town can move forward with their application to the ACC as long as the UPRR and the Town are finalizing the agreement?

Thanks.

Aziz Aman P.E.
 Union Pacific Railroad
 2073 E Jade Dr.
 Chandler, AZ. 85286
 Ph: (480) 415 2364
 Fax: (402) 997 3839
 aaman@up.com

For Guidelines & Specifications visit:
www.uprr.com/aboutup/operations/specs/index.shtml

For Utility Exhibits and Guidelines visit:
www.uprr.com/reus/pipeline/index.shtml

For Right of Entry Application visit:
www.uprr.com/reus/tempuse/index.shtml#tempprocedures

5/11/2009

"Alejandro Angel" <AAngel@psomas.com>

To <AAMAN@up.com>

05/08/2009 06:02 PM

cc "Rick Robinson" <rrobinson@ci.sahuarita.az.us>

Subject RE: Sahuarita Blvd, Agreement and ACC. RR MP 1000.86, AS & R Main Lead, Sahuarita AZ. DOT 742 177R

Aziz, I thought we needed to include the agreement with UPRR with our application to the ACC (per the MCDOT manual). Can we apply pending the agreement?

Thanks

Alejandro

From: AAMAN@up.com [mailto:AAMAN@up.com]
Sent: Friday, May 01, 2009 2:14 PM
To: Rick Robinson
Cc: AAMAN@up.com; Alejandro Angel; Farhad Moghimi; 'Joel Harris'
Subject: Sahuarita Blvd, Agreement and ACC. RR MP 1000.86, AS & R Main Lead, Sahuarita AZ. DOT 742 177R

I am expecting the agreement from Omaha within 2 weeks from now. Please consider submitting your application to ACC.

Thanks.

Aziz Aman P.E.
Union Pacific Railroad
2073 E Jade Dr.
Chandler, AZ. 85286
Ph: (480) 415 2364
Fax: (402) 997 3839
aaman@up.com

For Guidelines & Specifications visit:
www.uprr.com/aboutup/operations/specs/index.shtml

For Utility Exhibits and Guidelines visit:
www.uprr.com/reus/pipeline/index.shtml

For Right of Entry Application visit:
www.uprr.com/reus/tempuse/index.shtml#tempcedures

Aziz Aman/UPC

04/14/2009 11:56 AM
To "Rick Robinson" <rrobinson@ci.sahuarita.az.us>
cc AAMAN@up.com, "Alejandro Angel" <AAngel@psomas.com>, "Farhad Moghimi" <fmoghimi@CI.SAHUARITA.AZ.US>, "Joel Harris" <jtharris@ci.sahuarita.az.us>
Subject Sahuarita Blvd, Signal Estimate. RR MP 1000.86, AS & R Main Lead, Sahuarita AZ. DOT 742 177R [Link](#)

I will trace Omaha and get back to you in 2 weeks.

Thanks.

5/11/2009