



# Resolution for authorization to execute Highway-Rail Traffic Signal Pre-emption interface agreement between the City of El Paso and BNSF Railway Company.

***Approve resolution*** to authorize railroad pre-emption agreement for Doniphan/Bird and  
Doniphan/West Green Traffic Signals

District 1 and  
8

**Introduction:** November 24,  
2020

# Strategic Plan Goal

*2 – Set the standard for a safe and secure city*

*2.4 - Improve motorist safety and traffic management solutions*

Administrative step for authorization to execute  
Highway-Rail Signal Interface  
Agreements between the City of El Paso and  
BNSF Railway Company.

## Purpose of Resolution

- To preempt the highway traffic control signals with the grade crossing warning devices located at the intersections of Doniphan and Green, and Doniphan and Bird.

Administrative step for authorization to execute  
Highway-Rail Signal Interface  
Agreements between the City of El Paso and  
BNSF Railway Company.

## Reason for agreement with BNSF Railroad Co. / COEP

- Design, and Installation of RR Preemption equipment within BNSF ROW.
- Interface communication to future COEP Traffic Signal's controller.
- Traffic Operation of Traffic Signals and RR gates must operate simultaneously and safe at the intersections of Doniphan and Green, and Doniphan and Bird.

# Resolution Scope/Background

Add Railroad Pre-emption equipment  
and connection to future traffic signals.

All traffic  
signals next  
to RR tracks  
must have  
Preemption  
equipment

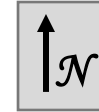
Traffic  
Signals are  
warranted

Provides  
adequate  
advance  
warning time  
to all users

# Existing Conditions Map: Doniphan/Bird and Doniphan/West Green

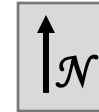


# Existing Conditions: Doniphan and Bird

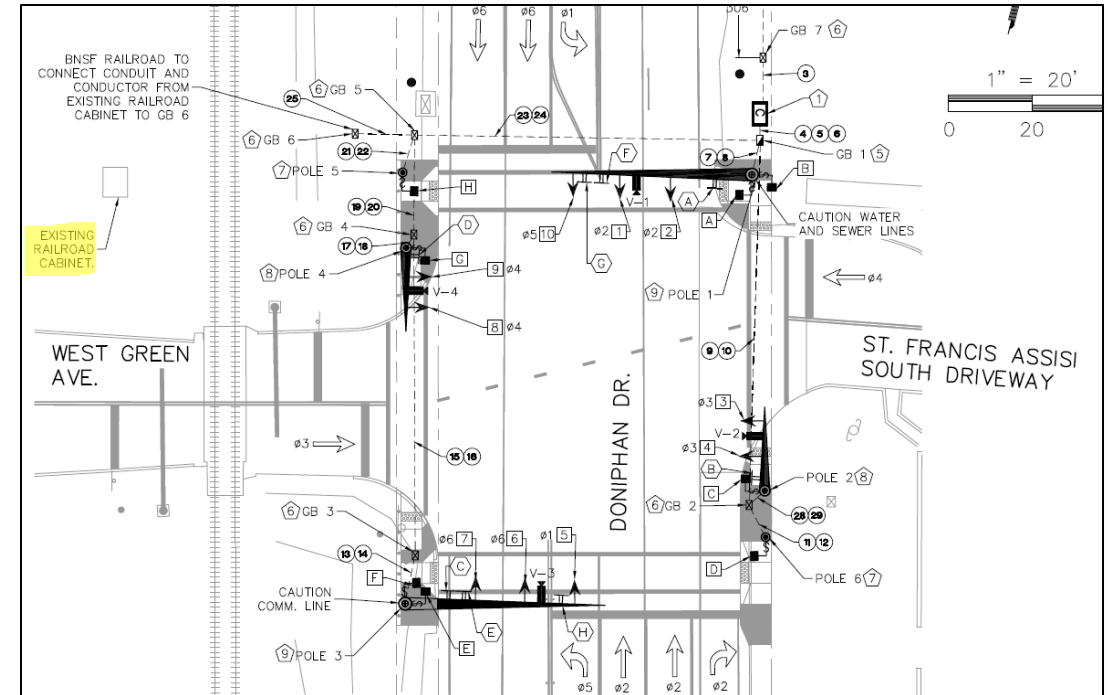




# Existing Conditions: Doniphan and West Green







# Requested Council Action

Via Resolution, to authorize the execution of Highway-Rail Signal Interface

Agreements between the City of El Paso and BNSF Railway Company for the traffic signals at Doniphan Drive and Bird and West Green.

***Staff recommends approval.***



## Mission

Deliver exceptional services to support a high quality of life and place for our community



## Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government



## Values

Integrity, Respect, Excellence, Accountability, People