

Technology to the Rescue



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10 years ago...
 2012 DuPage
 Railroad Safety
 Council Summit
 - "Evolution is
 Happening"



Existing



Four Quadrant Gate System



Presence/Intrusion
 Detection Interfaced
 With Positive Train
 Control

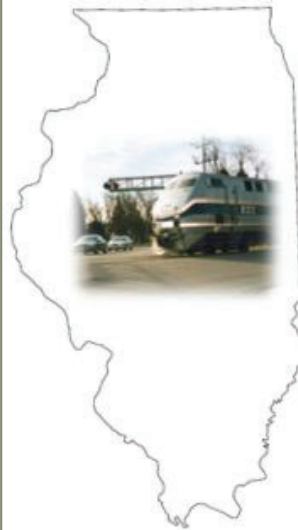
WITH CONTINUOUS VEHICLE CALL
 (Stalled/Stopped Vehicle on Tracks)

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Recommended High-Speed Rail Crossing Safety Systems



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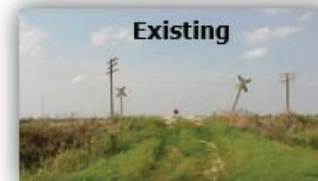
Existing



Ped Gates & Fencing

P
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F
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M



Existing



Gates Down

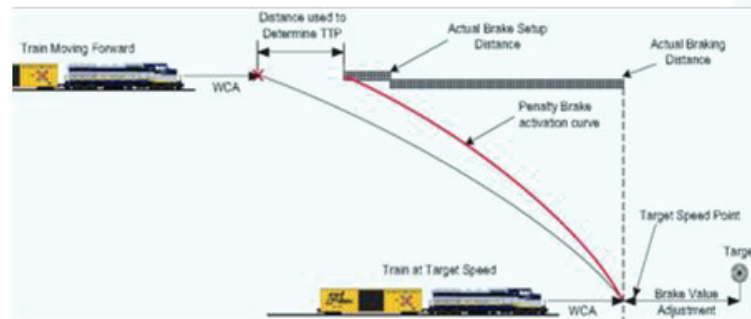
Vehicle - Detection Interface
 With Positive Train Control

Train
 Speed Reduced
 To 20 MPH or Less

WITH CONTINUOUS VEHICLE CALL

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2012 - High Speed Rail



PEDESTRIAN SIGNS
UNION PACIFIC RAILROAD
CHICAGO TO ST. LOUIS 110 MPH CORRIDOR
SEPTEMBER 11, 2012 - ICC