



# Lessons Learned LOUDONVILLE, OH



# February 3, 2018 Loudonville, Ohio

- 13 cars derailed from the 12G-02 a mixed freight train.
- Commodities Involved: **Propane**, **Xylene**, Corn, Ground Limestone, Scrap iron, **Zinc Oxide**, Soybean Meal
- **Zinc Oxide** (NAHX550739) hopper car damaged with a few hundred pound on the ground. Car was lifted and moved out of the way for trans loading and spill cleanup.
- **Xylene** (UTLX205280) tank car damaged with no release, car was moved to facilitate trans-loading to tank trucks
- **Propane** (UTLX952991) tank car was breached releasing contents.



INCIDENT BRIEFING

ICS 201-Norfolk Southern







Wind directions was  
towards 775 (North)









Magna Seal patch and epoxy putty were used to plug the puncture. Car was moved to facilitate flare down of flammable vapors in the tank.











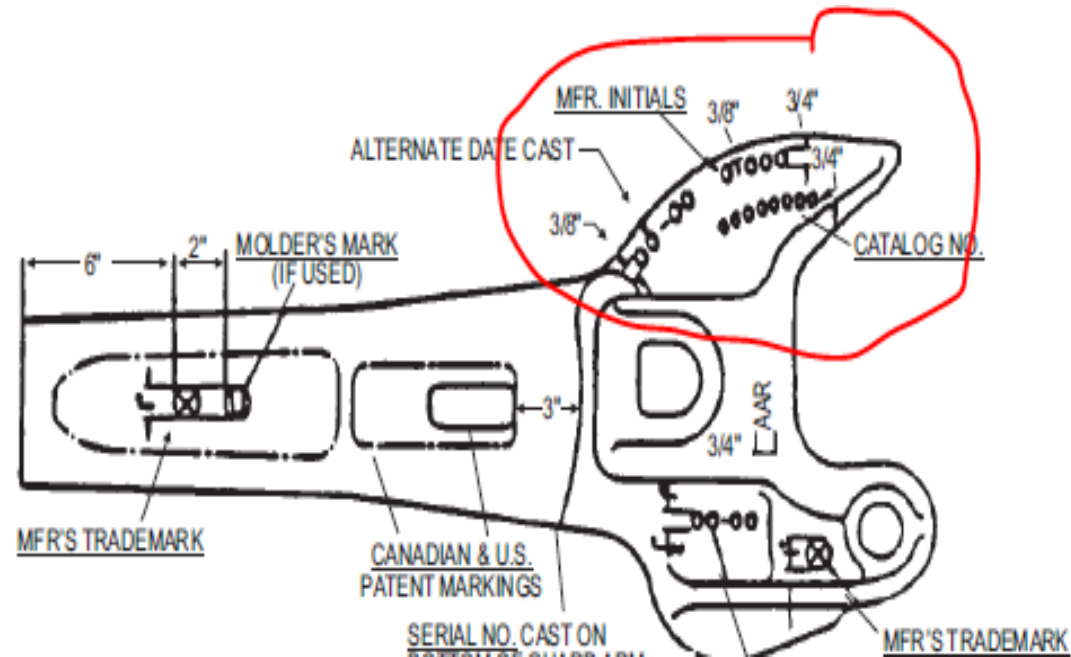
**NS NORFOLK SOUTHERN**  
One line, infinite possibilities.





**NS NORFOLK SOUTHERN**  
One line, infinite possibilities.





The section of the coupler circled in red below is called the “guard arm”.



# Transfer of Zinc Oxide



# Loudonville Clean up

Hopper cars were cleaned out in February.



Tank cars were clean and purged in February.





# Loudonville Clean up

Material that was hauled off site to landfill.



Construction of the road to haul materials to landfill.





# Loudonville Clean up

Grading of fields begins to meet farmers needs



Roadway is being removed to optimize planting space

