

# I64 Milton to US 35 Garvee Project





TRISTAR  
MOVIECLIPS

# Project Facts

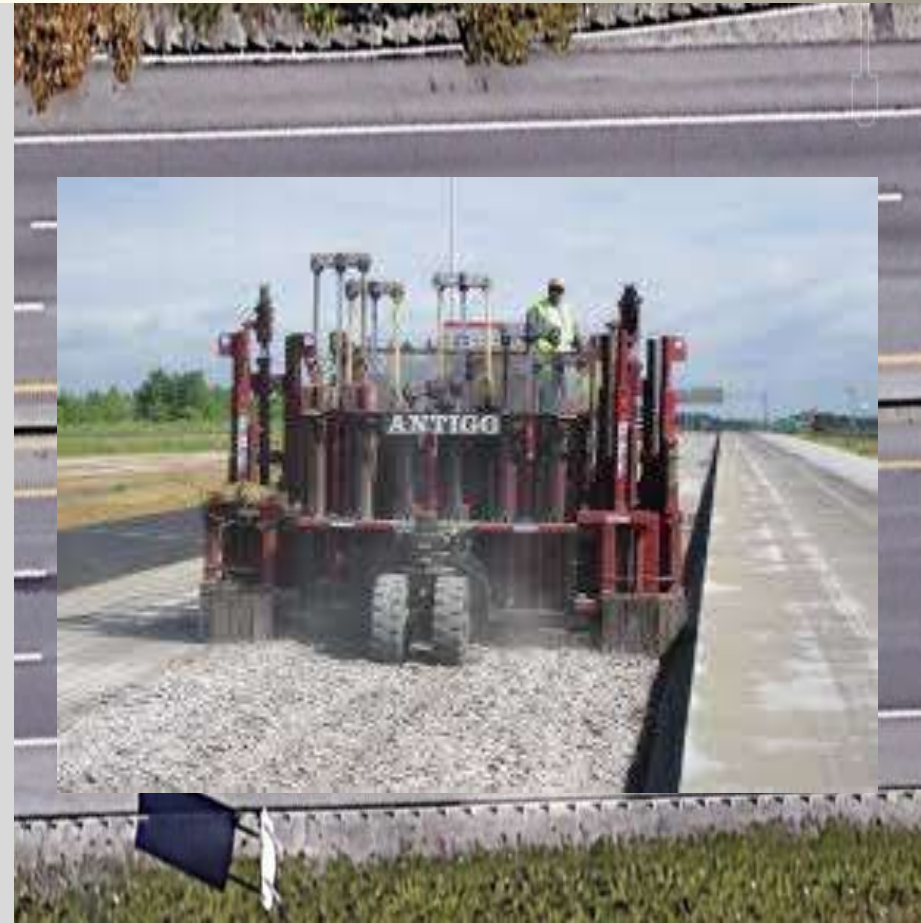
- Candidate List for Roads to Prosperity
- Award Date: 09/15/2017
- Contractor: WV Paving
- Bid Amount: \$47,858,044.70
- Estimated Completion Date:  
November 16, 2018





# Project Goals

- Repair a large section of roadway
- Make the repair last long term because of the funding source
- Get it done fast to lead the Road to Prosperity program
- Take the knowledge acquired and apply to future Rehabilitation work



# Project Challenges

- Traffic Volume – Major artery between Huntington and Charleston (high commute traffic)
- Impacts 3 major interchanges and majority of US 35 traffic
- Shear size of the project (20 miles)
- Existing roadway was in poor shape (extra work was required before contraflow could be opened)
- Contraflowing 5 miles at a time
- Public Perception
- **SPEEDING**





# Planned Project Phasing – Contraflows

**Phase 1 – Hurricane to Milton**

**Phase 2 – Teays Valley to Hurricane**

**Phase 3 – US 35 to Teays Valley**

- 2-5 mile and 1-3 mile contraflows
- Removal of Rumble Strips
- Shift lanes
- Build cross-overs
- Install contraflow barrier
- Complete sub phases .1 and .2
- Remove and reset wall on opposite side.
- Complete phases .3 and .4



# Actual Phasing

## Phase 1 – Hurricane to Milton (Single Lane)

- One lane closure each direction
- Removal of existing asphalt
- Rubblize and install drainage
- Pave all 3 layers of asphalt

## Phase 3 – US 35 to Teays Valley 3 lane section (Contra Flow)

- Shift lanes
- Install crossovers
- Install barrier wall
- Complete rehab work while maintaining two lane traffic each direction

## Phase 2 – Teays Valley to Hurricane (Contra Flow)

- Shift lanes
- Install crossovers
- Install barrier wall
- Complete rehab work while maintaining two lane traffic each direction





# — Additional Information —

- Temporary Traffic Cameras were bought and used on the job for monitoring at the traffic management center
- 24hr Wrecker Service on I64
- Traffic Directors on I64
- Regular Meetings with the local EMS to provide traffic updates to help improve response times





# Speed Enforcement

- First month dozens of minor accidents
- 3 major accidents
- Speed and distracted driving were the factor in most wrecks
- Commissioner's order 55 MPH
- Increased traffic director activity (4 police departments) (12000 Hrs)
- Results – Severe decrease in accidents



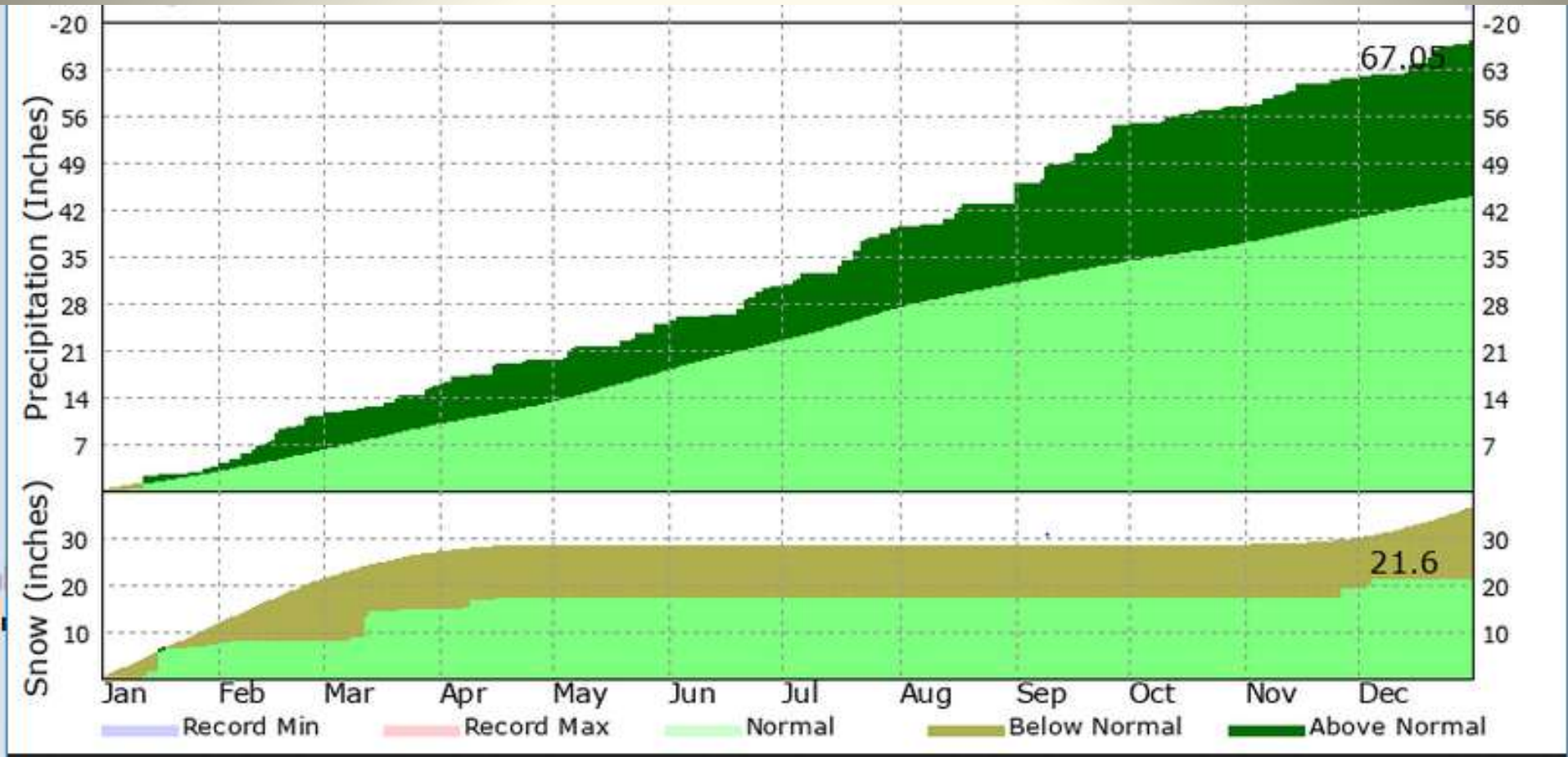
# Accidents/Incidents/Problems



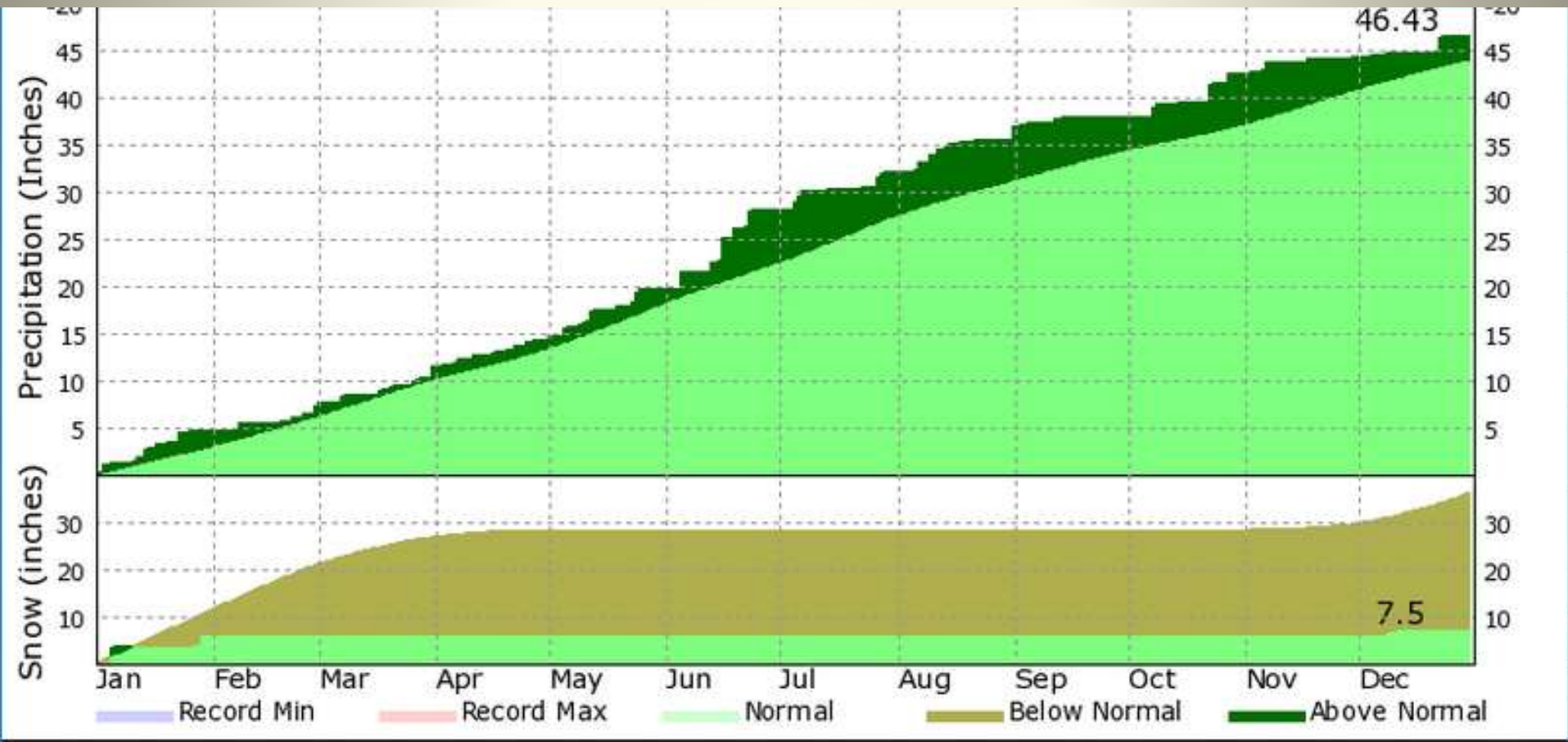
- Rollovers
- Breakdowns
- Fender Benders
- Fear of Contraflow
- Fugitive/DUI Arrest
- Complaints
- Time Constraints
- Weather



# Rain!!!! 2018



# 2017





# More Accident Photos

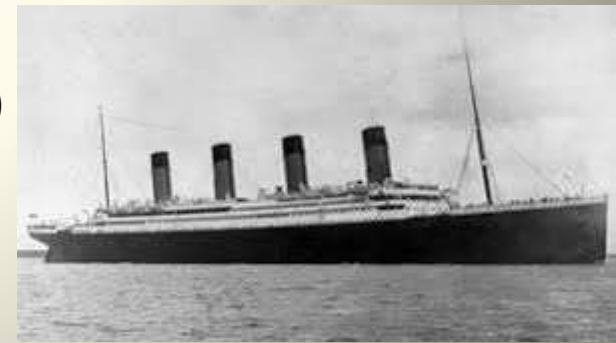


# Fun Facts!

## Job Was Put Together in 10 Days

## Job Quantities and Cost

- Mobilization \$1,215,500
- Crack Sealing 455,450.0 Linear Feet (86 Miles)
- Skid (PWL), Base 2 (PWL), milling 735,644 SY or 6,620,796 SF (115 Football Field W/ Endzones)
- 6" Temporary Pavement Marking 2,636,255 Linear Feet or 500 miles (Could paint a 1 inch stripe from Charleston to Seattle Washington)
- Rumble Strip 318,210 Linear Feet
- Base 1 Asphalt 213,269 tons (Titanic Weighed 57,650 tons)





# What We Learned

- Jobs like this are 90% traffic control
- The public needs to be more familiar with contraflows
- Updating the public on changing traffic conditions
- Speeding enforcement is a great tool for worker/public safety
- Need provisions for grass cutting on jobs that last more than a few months.
- Don't be voluntold for a project that everyone from building 5 drives past daily.



