



District 3

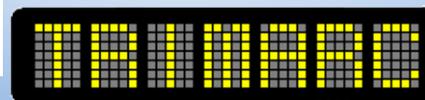
Traffic Incident Management Team

2018 2nd Quarter.

April 10th - 9:00 am

KYTC District 3 Office

900 Morgantown Road, Bowling Green KY



Agenda

- Welcome / Introductions
- TIM Training Opportunities
- Towing & Recovery Traffic Control
- Roadway spill absorbent discussion
- I-65 Detour route update 20-43 mp
- Discussion of public communication of major incidents
- Partner agency issues & updates
- Conclusion

Traffic Incident Management Goals

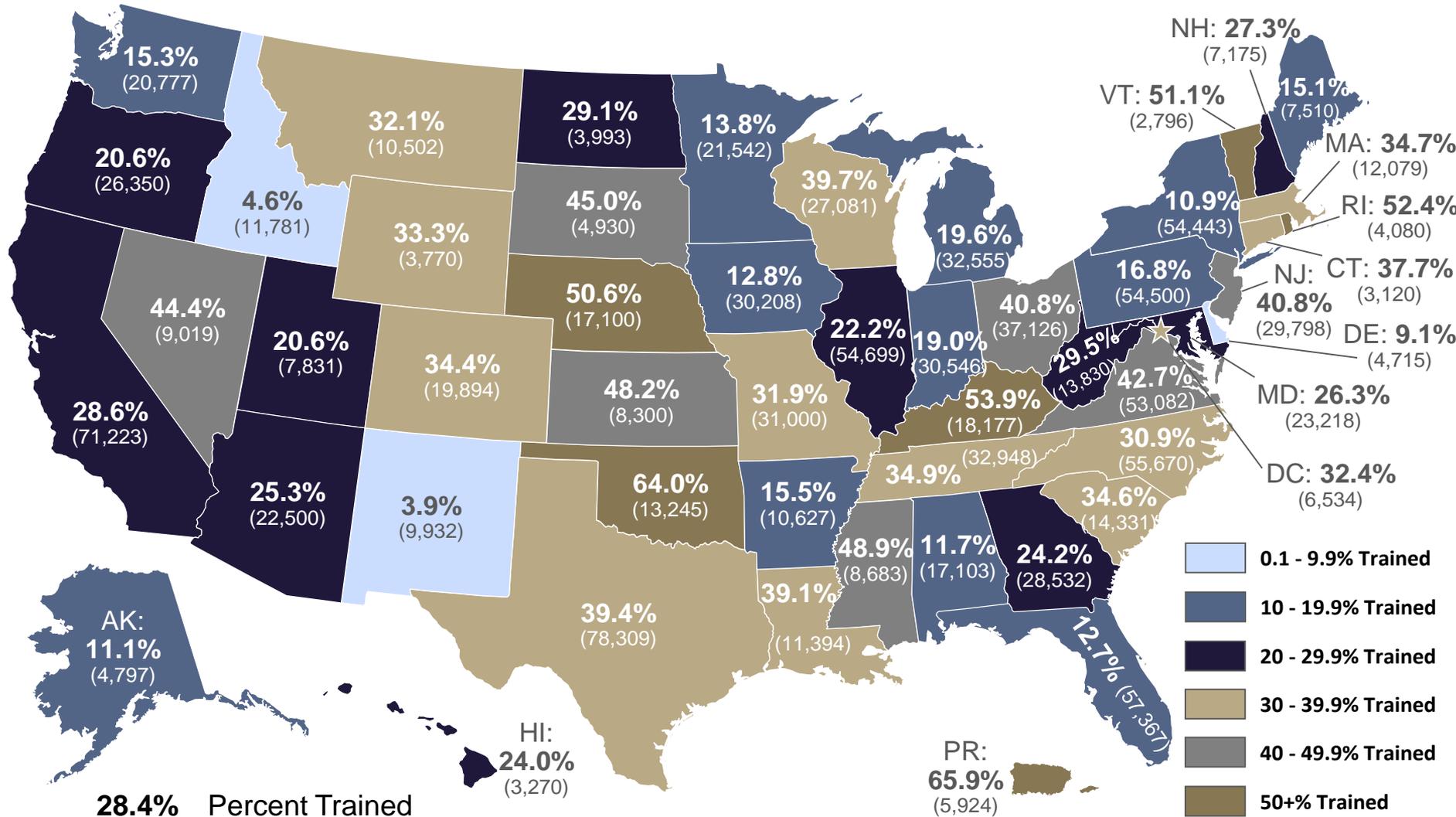
The Traffic Incident Management National Unified Goal or NUG is:

- Responder safety;
- Safe, quick clearance; and
- Prompt, reliable, interoperable communication

TIM Training Program Implementation Progress

Percent Trained – SIP 18 Goal of 30%

- As of April 3, 2018



Kentucky Training Totals

- As of April 3, 2018

Discipline	Responders Trained	Percentage
Law Enforcement	1,519	18.2%
Fire/Rescue	3,764	45.1%
Towing and Recovery	774	9.3%
EMS	797	9.5%
DOT/Transportation	1,023	12.2%
Other Disciplines	480	5.7%
(370) In-Person Sessions	8,357	100.0%
NHI Web-based Trainings	1,185	
(6) Train-the-Trainer Sessions	254	
Total Trained	9,796	

TIM Training Opportunities (FREE!)

TIM Training website: <http://www.kyt2.com>

Contact - Megan Perrin – megan.perrin@uky.edu

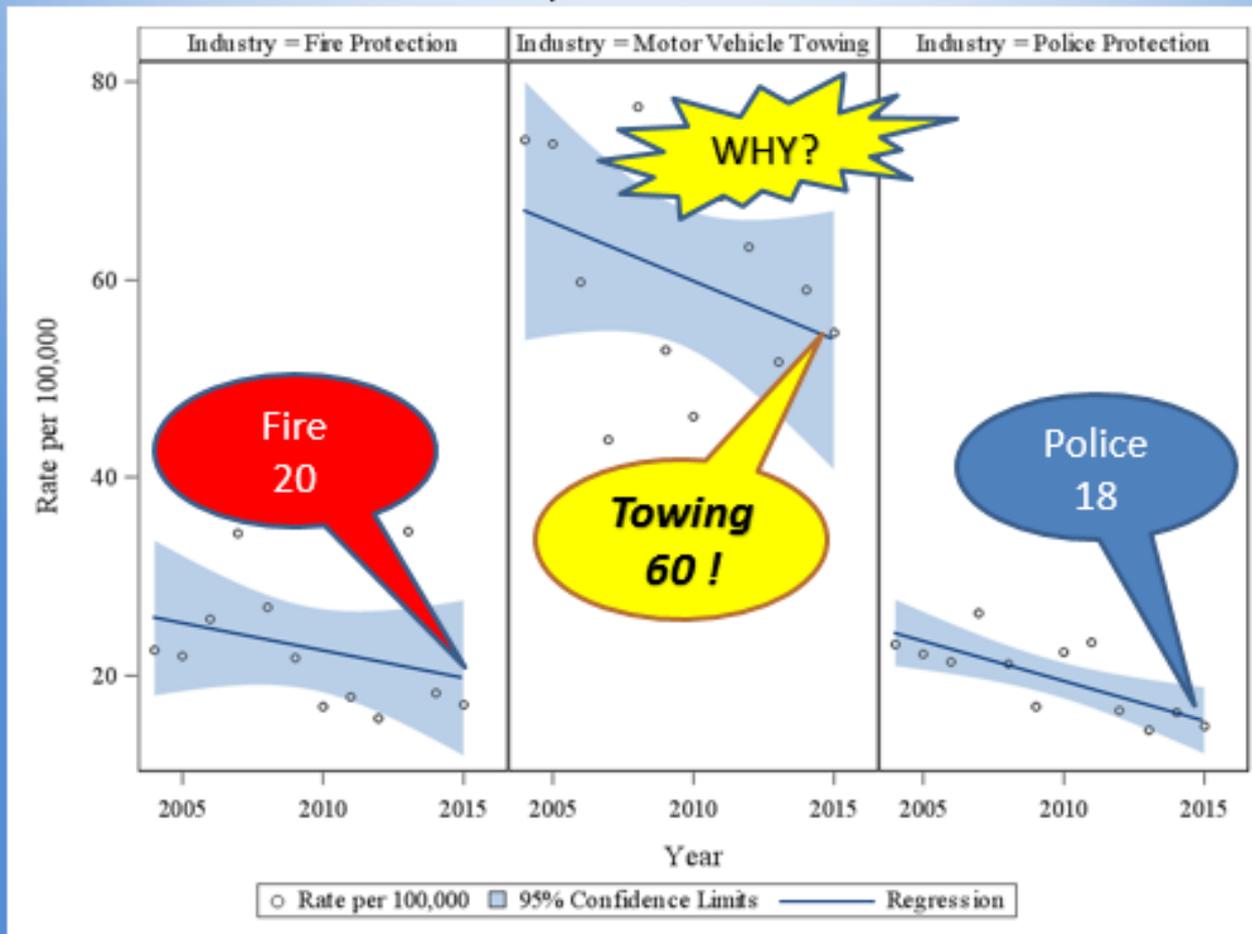
Phone: 859-257-7405 or 800-432-0719

- April 18: Mountain Arts Center, Prestonsburg (AM & PM)
- May 16: Homewood Suites Hamburg, Lexington (AM & PM)
- **June 20: Holiday Inn Express, Bowling Green (AM & PM)**
- July 18: Morehead Convention Center (AM & PM)
- August 8: Home Suites Hamburg, Lexington (AM & PM)
- September 13: Hopkins County Extension Office, Madisonville (AM & PM)
- September 18: Boone County Enrichment Center, Burlington (AM & PM)
- October 10: Center for Rural Development, Somerset (AM & PM)
- November 13: The Corbin Center (AM & PM)
- December 11: Elizabethtown Public Works Building (AM & PM)

Towing / Recovery Traffic Control

Traffic Incident Management-Related Occupational Fatality Rates in the U.S., 2005-2015

Death rate per 100,000 workers



Incident type

Temporary Traffic Control (TTC)

Minor

- Clearance < ½ hr
- 0-1 lanes impacted or 1 lane only intermittently

- Minimal traffic control available during emergency / initial phase
- TTC established by initial emergency responders.
- Vehicle warning lights, position vehicle to shadow workers, warning sign (if possible)
- Advise KYTC if road facility damage – road surface, guardrail, light post, etc

Intermediate

- Clearance ½ - 2 hrs
- Only intermittent impact > 1 lane

- Minimal traffic control available during emergency / initial phase
- TTC by initial emergency responders expanded as resources are available. Recovery operator responsible for expansion or implementing TTC if emergency responders leave scene.
- Need to add at minimum advance warning signs, and cones for merge taper and vehicle mounted traffic advisor lights
- KYTC should be advised & requested on-scene if needed

Major

- Clearance > 2hrs
- 2 or more lanes impacted

- TTC must expand to approach MUTCD standard
- TTC transitioned to Recovery / Cleanup contractor as emergency responders leave scenen.
- Need to add cones for merge taper, activity area, advance warning signs, and arrow panel / directional to merge
- KYTC must be requested to scene as part of Unified Incident Command to support Recovery / Cleanup TTC and/or detour.

Long-Term > 12 hrs

- TTC must meet full MUTC Work Zone standard
- KYTC integrated into Unified Incident Command structure for incident

Roadway cleanup

Who is responsible for roadway cleanup?

189.754 Removal of injurious substance from highway.

Any person removing a wrecked or damaged vehicle from a highway shall remove any glass or other injurious substance dropped upon the highway from such vehicle.

Effective: July 15, 1980

History: Created 1980 Ky. Acts ch. 49, sec. 5, effective July 15, 1980.

- Enforcement is at discretion of law enforcement on scene.
- KYTC crew assistance is available but has limitations
 - 2 hr minimum to mobilize for lane closure setup
 - Very limited supply of oil dry, some salt, no sand
 - Non-urgent and/or off-roadway cleanup subject to permitting and delay for safety of traffic.

Roadway Spill Mitigation

189.754 Removal of injurious substance from highway.

Any person removing a wrecked or damaged vehicle from a highway shall remove any glass or other injurious substance dropped upon the highway from such vehicle.

Effective: July 15, 1980

History: Created 1980 Ky. Acts ch. 49, sec. 5, effective July 15, 1980.

Restoring roadway to safe i.e. not slick state

Hydrocarbon? Animal fat? Vegetable oil?

- What works? What doesn't work?
- No data on effectivity or results
- Possible eval & recommendation from KYTC
Div. of Maintenance
- Any restrictions on use by ERT or others?



SERVICE
TRANSPO
KUNZ TRUCKS INC. 1-800-447-1111
DUAL TANK AT CONCRETE JOB
IN 7 HOURS FROM 11 AM - 2 PM
REBUILT 100% IN
PARKVILLE, MO

1203

44L341



Options ?

- **Absorbents:**
 - Clay litter
 - Portland cement
 - Sweeping compound
 - Salt
 - Corn cobs
 - Peat moss
 - Sawdust
 - Lime dust
 - Vermiculite
 - Pads
- “Magic powder” converters
- Salting animal proteins
- Powdered detergent or degreaser
- Dispersants / emulsifiers (Microblaze, others)
- Traction aid (?): sand, etc?

How do you evaluate?

- Dry or wet road surface?
- What is standard for skid resistance?
- Can we measure it & how?

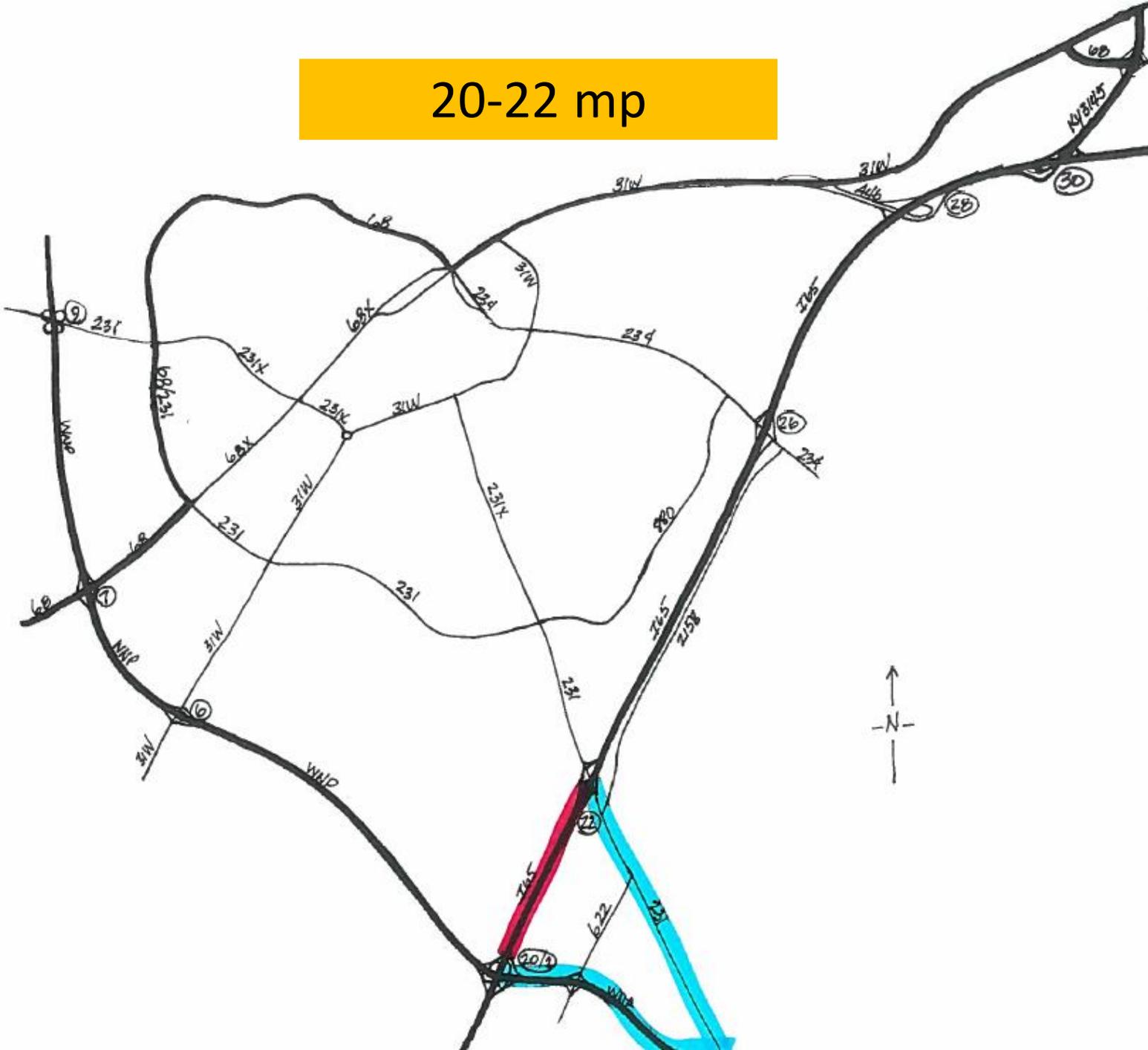
- Any input or experience? Please let me know so we can incorporate as much info as possible into discussion.

Update to I-65 Detour Plan 20-40 mp

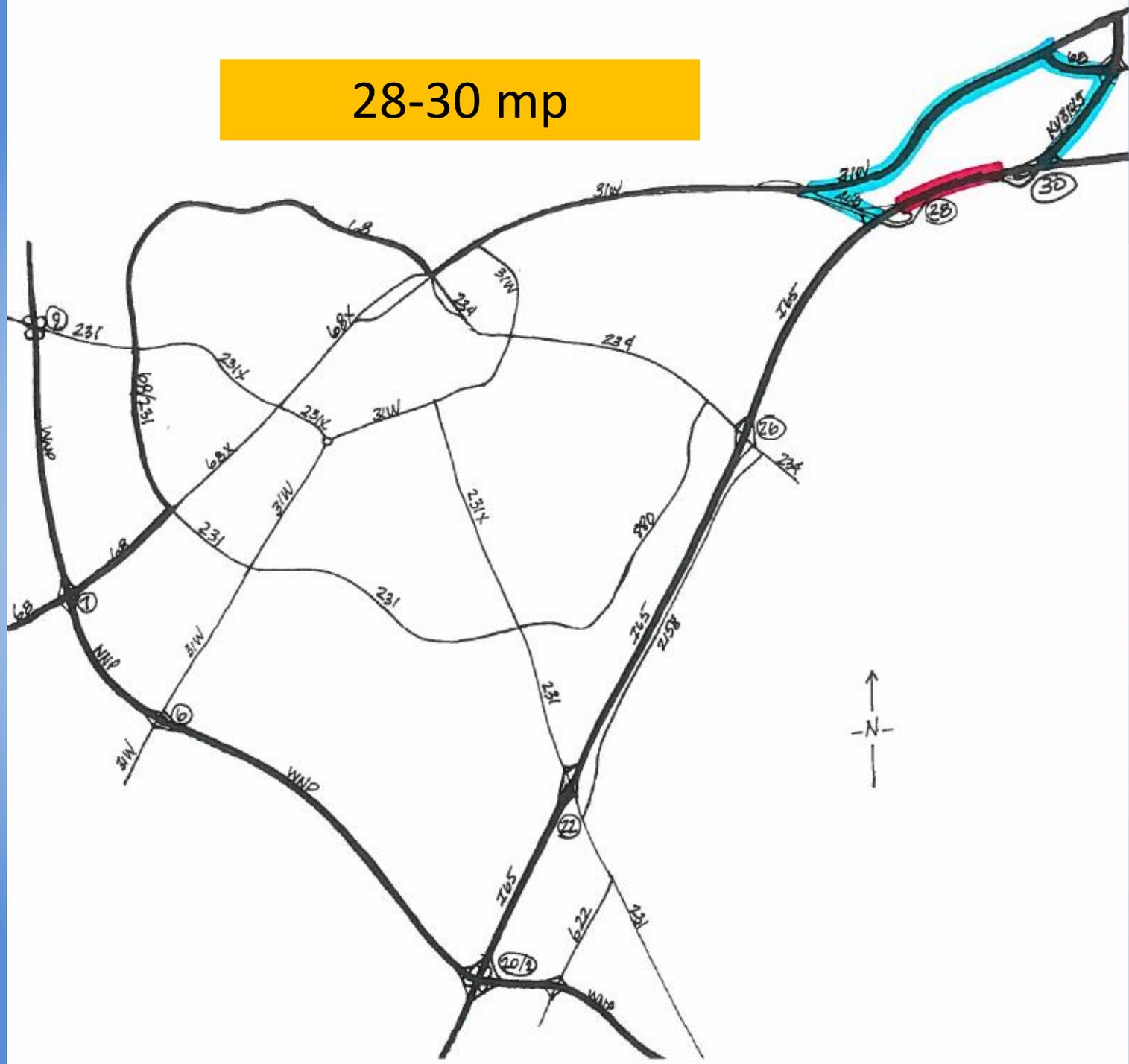
- Incorporate Exit 30 vs. Exit 28
- Utilize “outer loop” US68 as primary detour for through traffic
- Local exit for clearing traffic queue
- New maps in process to update plan



20-22 mp



28-30 mp



Public Notification of Major Incidents

- What options are available
 - Social Media: KYTC, EM, other agencies
 - IPAWS / WEA (local EM?)
 - Waze, Net Alert (TriMark)
 - Conventional media
 - DMS/PDMS, signs
 - Others?
- Do we utilize these when needed and coordinate messages?

Partner Agency Issues / Updates

- **FHWA**
- **Law Enforcement**
- **KYEM / County EMA**
- **ERT**
- **Towing / Recovery**
- **Public Works / Utilities**
- **KYTC Division of IM**
- **Public Health / EMS / FD**



GoKY.ky.gov



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Next Meeting July 10th, 2018 *KYTC District 3 Office*



Presentations & other D-3 IM Team files can be found at
<http://transportation.ky.gov/District-3/Pages/TIM.aspx>



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