



# BUREAU OF FIELD SERVICES 2018 UPDATE

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CONSTRUCTION FIELD SERVICES



# RECENT BUREAU ACCOMPLISHMENTS

- Innovative use of Automatic Vehicle Location (AVL)
- Labor Compliance Program (LCPtracker) Implementation
- Warranty Program Oversight
- Long Life Pavement Design Specifications
- Concrete CPM Underdrain Outlet Cleanout Special Provision
- Vehicle Modems
- Preliminary Survey/Audit Success

# SILICA IN CONSTRUCTION

- New standard from OSHA
- Impacts MDOT construction operations and maintenance operations
- Drops the permissible exposure limit (PEL) to 50 micrograms cubic meter of air over an 8 hour time weighted average (TWA)
- Reason given for the new standard is the number of silica related deaths nationwide
- Original adoption date was June 23, 2017
- Delayed until September 23, 2017
  - OSHA cited the need to train safety inspectors on the new standard
- Standard includes recommendations for work practices and respiratory protection in a chart called Table I



# SILICA IN CONSTRUCTION (continued)

## Construction Operations:

- MIOSHA is the enforcing agency, not MDOT
- Ask what the contractor's plan is for controlling silica dust during the Pre-Con meeting
- Discuss potential exposure concerns
- Stay away from dust clouds (10 feet or more from the edge of the dust cloud)
- Respirator use is the last line of defense
- Discuss potential exposure concerns



*MDOT maintenance crew drilling pin holes on I-69*

# FUSP 812EE – 01 PRICE ADJUSTMENTS FOR AUTHORIZED EXTENSIONS OF TIME

- Provision effective May 4, 2018 letting
- Included on all projects
- Comprehensive update of Section 812.04.U

FUSP = Frequently Used Special Provisions

12SP-812EE-01

## MICHIGAN DEPARTMENT OF TRANSPORTATION

### SPECIAL PROVISION FOR PRICE ADJUSTMENTS FOR AUTHORIZED EXTENSIONS OF TIME

CFS:MB

1 of 2

APPR:JYG:CRB:02-01-18  
FHWA:APPR:02-02-18

Delete section 812.04.U, Price Adjustments for Authorized Extensions of Time, on page 631 and 632 of the Standard Specifications for Construction in its entirety and replace with the following.

U. Price Adjustments for Authorized Extensions of Time. The Department will not adjust the unit price for **TS, Temp, Furn** for authorized extensions of time.

The Department will not make price adjustments for temporary traffic control devices, **Minor Traf Devices**, and **Traf Regulator Control** during authorized extensions of time if liquidated damages are assessed in accordance with subsection 108.10. If liquidated damages are not assessed, the Department will adjust unit prices for the following:

1. **TS, Temp, Oper**;
2. **PTS System, Temp, Oper**;
3. Items designated as Furnished, Operated, or Standby, unless otherwise specified;
4. Items paid for as Each or Foot as documented by the Department and maintained on the Department website at: [http://www.michigan.gov/mdot/0,4616,7-151-9622\\_11044\\_11367--,00.html](http://www.michigan.gov/mdot/0,4616,7-151-9622_11044_11367--,00.html); and
5. Items measured as lump sum if they are used or required on the worksite during authorized extensions of time except that **Minor Traf Devices** will not be adjusted when conspicuity tape is the only minor traffic control device in service or required during the authorized extension of time.
6. Items not in use reserved by the Engineer as standby.

The Department will use the following formula to calculate the unit price adjustments. The adjustment for **Minor Traf Devices** will be at a daily rate of (A/B) not to exceed \$900.00 per calendar or work day and the adjustment for **Traf Regulator Control** will be at a daily rate of (A/B) not to exceed \$650.00 per calendar or work day. When calculating the adjustment, either calendar or working days will be used for both original contract time and additional days.

$(A/B) \times C = \text{unit price adjustment}$

Formula 812-1

where:

A = Original contract unit price

B = Original contract time

# PRICE ADJUSTMENTS

- Items paid for as Each or Foot as documented by the Department and maintained on the Department website at:
  - [http://www.michigan.gov/mdot/0,4616,7-151-9622\\_11044\\_11367---,00.html](http://www.michigan.gov/mdot/0,4616,7-151-9622_11044_11367---,00.html)
- No longer exclusively the contract completion date.
  - The latest Open to Traffic date if removal of all traffic control devices coincides with this date.
  - The latest interim completion date for each season of work if all contract work must be completed in its entirety except turf establishment and watering and cultivating.
  - The original contract completion date.

# PILOT PROJECTS

- Digital Data As Part of the Contract
  - US-2 Gladstone, Superior Region (I26833A)
  - I-696 Inlay, Metro Region (I17578A)
  - Potentially: US-131 near Three Rivers, Southwest Region (I16377A)
  - Pilot Project Training
- Construction Manual
  - Incorporation of BOHIMs / CAs
  - Working on Format / Content
  - Increasing Communication



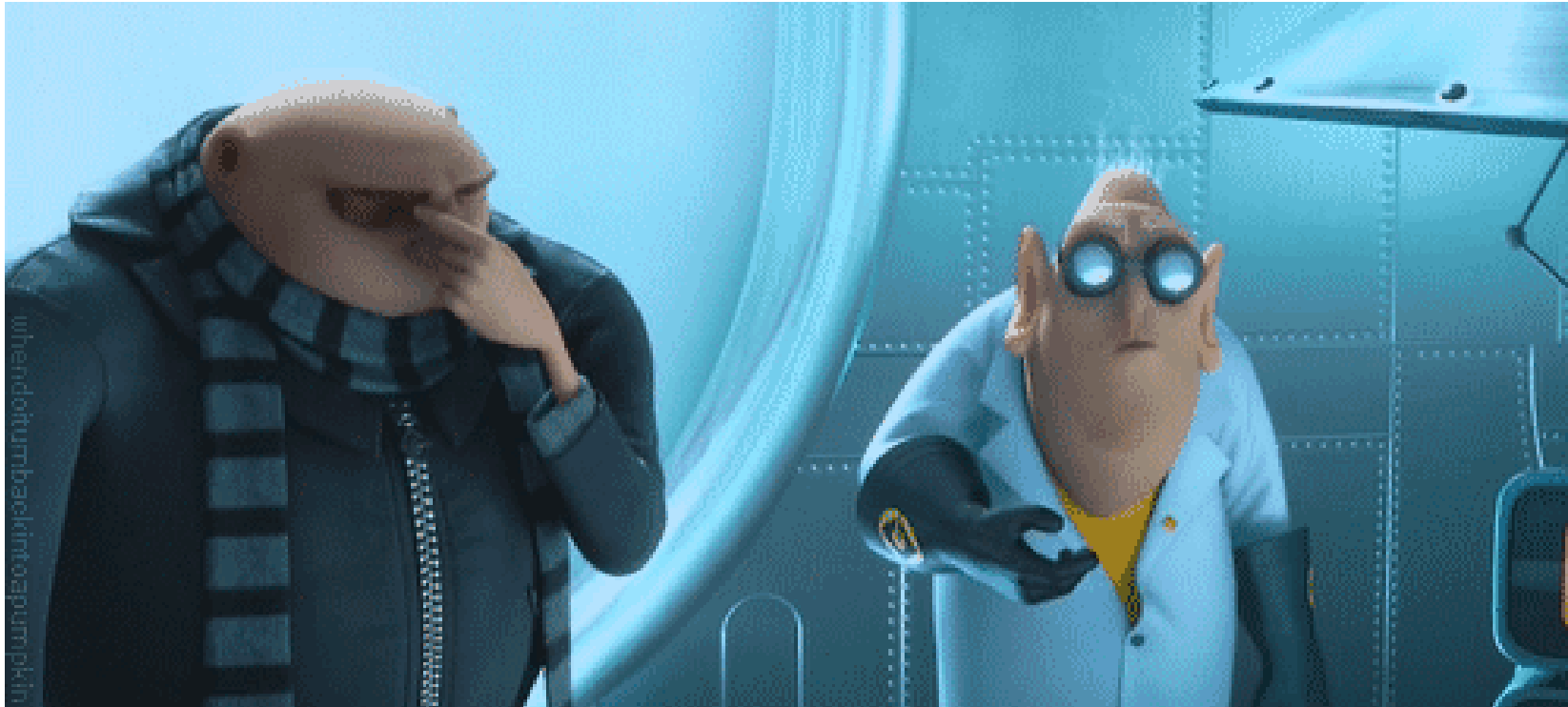
# OTHER INITIATIVES

- Data Logging Systems – PR Migration for Long Line Contracts
- 2020 Specifications
- Progress Schedules After Award
- Increased Diameter of Plastic Pipe: Up to 48 inches
- Process Improvement: Asset Management for Culverts
- Process Improvement: Overdue Finals
- CoSign Across the State





# QUESTIONS?





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