

Specification Lightning Round

Changes to the Standard Specifications for 2019 Construction Season, unique items for this Summer, and what the future may hold



Section 106.02 – Aggregate Sources

Change to Department Owned and Optioned sources

- Requires Contractor to notify the Gravel Prospecting Coordinator in Materials & Research
- Optioned section requires 3 notifications (up from 1)
 - Surface owner (this was always there);
 - Material owner; and
 - Gravel Prospecting Coordinator

Section 152.01 D – Bituminous Trucks

Section 430.02 – Equipment

Two related changes

- 152 expanded on the condition and “size” of tarps
- 430 requires the tarps to be deployed when air temps fall below 50° at any point along the haul route

Section 762.04 C.2.c - Tolerances

Deals with the placement tolerances for water based paint (also applies to Epoxy via references)

- Subdivided into surface applied and grooved
- Existing requirements are in effect for surface applied
- New requirements for grooved markings that are based on the groove tolerances in Section 762.04 A

Section 802 – Portland Cement Concrete

Heavily re-outlined and reorganized Section 802.01 A and added the existing content from 802.01 B into A

802.01 B was replaced with a direct reference to Section 804.01 Cement

802.01 I was deleted in it's entirety (High Early Strength Concrete)

Section 802 – Portland Cement Concrete; Continued (ASE Concrete)

- Deleted the concept of High Early Concrete
- Replaced with Class ASE Concrete (Accelerated Strength [the E stand for Air Entrained, so I guess] Entrained{?})
- Based on an SP that was used in GF
- 3000 psi at 30 hour mix w/mandatory fly ash
- Allows the use of strength accelerators with certain limits in place (802.01 F, Admixtures)

Section 880.01 Water Based Pavement Marking Paint

Completely replaced this entire section

- From a field perspective nothing has really changed
 - Still requires providing paint from the pre-approved lots list maintained by M&R
- Changes affect how to get on that list in the first place

Special Provisions

Queue Detection System – I-94 Mandan

Submittal Exchange – DeMers Ave GF

Concrete Thickness Determination – I-29 S of Fargo

Intelligent Compaction:

- “Standard” IC;
- Paver Mounted Thermal Profiler (PMTP);
- Density BONUSES(?!) – Yep, really

Intelligent Compaction

- IC will be included on 6 projects this year
- PMTP will be included on 1 of those 6 (Hwy 18 in Grand Forks District)
- Density incentive will be in on Hwy 281 at New Rockford

Anything Else??

Cold in Place Recycle – ND 8 in Dickinson District (2021)

Hot in Place Recycle – Hwy 56 in Valley City District

Warranty Pavement Markings (tentative) – I-29 S of Fargo

Scrub Seal – TBD Looking for a roadway with open cracks that haven't progressed into map/block cracks. Happy to take suggestions on candidates

Percent Within Limits specification for HMA – TBD but looking for one or two candidates in 2020 (this candidate search will likely occur soon and we'll be reaching out to Districts with a list)