

SECTION 32 11 24

AGGREGATE BASE COURSE

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes:

1. Furnishing and placement of aggregate base course on a prepared subgrade as shown on the plans.

1.02 REFERENCES

A. North Dakota Department of Transportation “Standard Specifications for Road and Bridge Construction” 2022 Edition

1. Section 302 – Aggregate Base and Surface Course
2. Section 816 – Aggregates
3. Section 817 – Salvaged Base Course

1.03 SUBMITTALS

- ###### **A. Submit a gradation report on aggregate base that will be used on the project, prior to hauling material on site.**

1.04 QUALITY ASSURANCE

- ###### **A. The Contractor shall hire an independent testing laboratory approved by the Engineer to do gradations and compaction tests.**

1.05 SEQUENCING AND SCHEDULING

- ###### **A. Aggregate Base Course Class 5 cannot be constructed until the following items have occurred.**

1. Subgrade has successfully passed a roll test performed by the Contractor and witnessed by the Engineer.
2. Subgrade has been checked for line and grade tolerances.

PART 2 PRODUCTS

2.01 MATERIALS

- ###### **A. Aggregate Base: Conform to NDDOT Spec section 302 Aggregate Base and Surface Course.**

- B. Salvaged Base Course: Conform to NDDOT Spec section 817.

PART 3 EXECUTION

3.01 PREPARATION

- A. The subgrade shall be approved prior to placement of aggregate base course.
 - 1. Any soft or yielding areas in the subgrade shall be removed and replaced with suitable soil by the Contractor at no expense to the Owner.

3.02 CONSTRUCTION REQUIREMENTS

- A. Conform to NDDOT Spec section 302.04 B
- B. Aggregate base course shall be graded to a surface smoothness so that there is no deviation in excess of one-half (1/2) inch in any ten feet when tested with a ten (10) foot straightedge.
- C. If the existing bituminous surface is to be reused as Salvaged Base Course, a reclaimer shall be used to remove the existing bituminous surface. The material may then be hauled off site and stockpiled. The Contractor may add materials to the milling onsite to meet the gradation requirements.
- D. Compact by mechanical means to 100-Percent Standard Proctor Density.