



1584 Hadley Avenue N | Oakdale, MN 55128
651-739-5086 | www.ci.oakdale.mn.us

AGGREGATE BASE (OAKDALE 2211)

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Construction of aggregate base courses on a prepared subgrade.
 - 2. Placement of aggregate shouldering and driveways.
- B. Related Sections:
 - 1. Section 2105 – Excavation and Embankment
 - 2. Section 2111 – Test Rolling
 - 3. Section 2112 – Subgrade Preparation
 - 4. Section 2360 – Plant-Mixed Asphalt Pavement
- C. Method of Measurement
 - 1. Salvaged Aggregate Base Placed:
 - a. Measure by Compacted Volume (CV) in cubic yards of recycled bituminous and Class 5 material acceptably salvaged, stockpiled, and placed within the project area based on the planned dimensions.
 - b. Payment will be made for the placed plan quantity (P) unless dimensional changes are authorized.
 - c. Includes salvaging, temporary stockpiling and placing recycled bituminous and Class 5 material for the planned street section and driveway and walk replacement areas throughout the project area.
 - d. Salvaged aggregate used to backfill subgrade excavation areas will be measured and added to the Plan (P) Quantity.
 - e. Tolerancing and compacting the existing aggregate base left in place shall be considered incidental and no measurement or payment will be made for this work.
 - 2. Aggregate Base:
 - a. Measure by weight in tons of material provided from offsite acceptably placed.
 - b. Weight shall be based on the sum of individual load tickets provided within 24 hours of the time of delivery to the site.
 - 3. Stockpile Salvaged Aggregate Base:
 - a. Measure by Loose Volume (LV) in cubic yards of material acceptably stockpiled for City use at proposed stockpile site.
- D. Basis of Payment:
 - 1. Payment for acceptable quantities of aggregate base shall be at the Contract Unit Price as listed on the Bid Form. All associated Work items shall be considered incidental.

1.02 REFERENCES

- A. MnDOT 2211 – Aggregate Base
- B. MnDOT 3138 – Aggregates for Surfaces and Base Courses

1.03 SUBMITTALS

- A. Provide for each aggregate material:
 - 1. Name and location of source.
 - 2. Sample gradation.

1.04 HANDLING AND DELIVERY

- A. Stockpile and drain aggregate removed from below water for a minimum 24 hours prior to delivery.

1.05 SITE CONDITIONS

- A. Deposit aggregate only on dry, compact subgrade so that no rutting or displacement will occur under construction traffic.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Salvaged Aggregate Base – shall be pulverized bituminous and underlying aggregate base.
- B. Aggregate Base Materials – shall be in accordance with MnDOT 3138, Class 5.
 - 1. Material for roadways shall be 100% crushed.
 - 2. Material for driveways shall be 100% crushed limestone,
- C. Aggregate class shall be as indicated on the Bid Form.

PART 3 EXECUTION

3.01 CONSTRUCTION REQUIREMENTS

- A. Placing and Mixing:
 - 1. Place aggregate in layers to produce a maximum 3 inches of compacted thickness.
 - 2. With vibratory compaction, place to produce maximum 6 inches of compacted thickness.
 - 3. Deposit only the amount of aggregate which is intended to be spread and compacted during the same day.
 - 4. Add water as may be required during mixing to produce proper compaction.
- B. Spreading and Compacting:
 - 1. Mix aggregate uniformly to maintain proper gradation.
 - 2. Spread and compact each layer to the required cross section and density prior to placing a succeeding layer.
- C. Tolerances:

1. Construct each course to within 0.05 feet of the planned grades and staked elevations at all locations.

3.02 PROTECTION

- A. Place initial surface course or otherwise protect the in-place aggregate base within 72 hours after placement.
- B. Remove and replace any portion of the material which becomes contaminated after placement.

END OF SECTION