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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 shoulderings 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