

1. PREPARATION OF BASE- (See Special Provisions)
2. PRIME COATS- Prior to constructing the binder course, the aggregate base (gravel) shall be primed with MC-30. The aggregate base (millings) from Station 11+31 -163+70 shall be primed with polymerized (SS-HP) prime. A fog coat of polymerized prime (SS1-HP) is required between all newly constructed lifts of HMA.
3. PAVING SEQUENCE- (See Special Provisions)
4. INTERSECTIONS & PROJECT LIMITS
 - a. HMA paving at side road intersections shall be paid for by the contract unit price per ton for the respective binder or surface course pay items.
 - b. Saw cutting of existing pavement, and aggregate surface removal for butt joints shall be included in the cost of BASE PREPARATION (SPECIAL).
 - c. All excess aggregate material generated from surface removal at project limits and intersections shall be windrowed to the shoulder and used as shoulder material as directed by the Engineer. This work will be included in the cost of PREPARATION OF BASE (SPECIAL).
5. ENTRANCES & MAILBOX TURNOUTS- All entrance aprons and mailbox turnouts shall be constructed with mainline paving operations per the detail shown in the plans and will be paid per ton according to the respective binder or surface course pay items. Remaining HMA paving at entrances and driveways shall be paid for per ton as INCIDENTAL HMA SURFACING.
6. AGGREGATE SHOULDERS & AGGREGATE SURFACES shall be completed by others.
7. PAINT PAVEMENT MARKING shall be completed by others.
8. PROPERTY OWNER ACCESS REQUIREMENTS- The Contractor shall notify all adjacent property owners not less than twenty-four (24) hours prior to beginning construction operations. Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures. Contractor shall provide access by means of temporary aggregate ramps to all entrances immediately following paving operations.
9. TRAFFIC CONTROL- County Highway #1 shall be closed to thru traffic during construction operations. The road shall remain closed for a period of up to five (5) working days following completion of paving operations to allow aggregate shoulder and aggregate surface work to be completed by others. Local traffic shall be allowed thru the intersections of side roads as much as possible. Side road intersections may be closed off when paving operations are in the immediate area. No two consecutive side roads may be closed to at the same time to local traffic. Highway Standards BLR 21 and 22 shall be applied as directed by the Engineer.

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|--------------------|-------------------------------|---------------------|--------------|-----------|
| ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAS 358 | 86-00075-04-PV | WOODFORD | 33 | 2 |
| Date: 4/15/2011 | Calc by: JJH Check by: BJH | CONTRACT NO. | 89596 | |

Environmental Reviews

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filled by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form- D4 PI0100
- Color photographs depicting the use area
- Borrow Area Entry Agreement form- D4 PI0101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

| Mixture Use(s): | Surface Course Upper & Lower Lifts | Binder Course | Incidental HMA Surfacing |
|---|---------------------------------------|---------------|--------------------------|
| AC/PG: | PG 64-22 | PG 64-22 | PG 64-22 |
| RAP% (Max): | 15% | 25% | 15% |
| Design Air Voids: | 4% @ N=50 | 4% @ N=50 | 4% @ N=50 |
| Mixture Composition: (Gradation Mixture) | IL 9.5 | IL 19.0 | IL 9.5 |
| Friction Aggregate: | Mixture C | N/A | Mixture C |

| Conversions and Application Rates* | | | |
|------------------------------------|-------------------|-----------------------------------|------------------------------|
| HMA Theoretical Quantities: | calculations | 112 lbs / Sq Yd / Inch | |
| Prime Coat (MC-30) | on Agg base | 0.40 Gal / Sq Yd (App. Rate) | .20 Gal/ Sq Yd (Residual) |
| Prime Coat (SS1-HP) | on Millings | 0.20 Gal / Sq Yd (App. Rate) | .10 Gal/Sq Yd (Residual) |
| Fog Coat (SS1-HP) | between HMA lifts | .06 Gal/Sq Yd (App Rate) | .03 Gal/Sq Yd (Residual) |
| Water | Base Preparation | 8.33 lbs / Gal (1,000 Gal / Unit) | |
| Granular Materials | calculations | 2.05 tons / Cu Yd | |

* payment will be based on application rates.

**GENERAL NOTES &
DESIGN INFORMATION**