

FOR PRELIMINARY PLAN QUANTITIES OF PAVEMENT MATERIAL, THE FOLLOWING RATES OF APPLICATION WERE USED:

HOT MIX ASPHALT..... 110LBS./SQ. YD./ INCH  
 AGGREGATE BASE COURSE.....133 LBS/CU. FT.  
 TACK COAT DIL. EMUL. ASPHALT (SLOW SETTING)..... @ 0.10 GAL. /SQ. YD. (DIL.)

A TACK COAT OF EMULSIFIED ASPHALT (SLOW SETTING) IS TO BE APPLIED TO IMPROVE BOND AT THE FOLLOWING LOCATIONS:

- BEFORE PLACING NEW PAVEMENT OVER EXISTING PAVEMENT
- ALONG THE FACE OF ALL CURBS, GUTTERS, MANHOLES, ADJACENT EXISTING PAVEMENT, AND OTHER SURFACES AGAINST WHICH ASPHALT WILL BE PLACED
- BETWEEN PAVEMENT COURSES WHEN ORDERED BY THE ENGINEER

DILUTED EMULSIFIED ASPHALT FOR TACK COAT SHALL CONSIST OF 1 PART WATER AND 1 PART EMULSIFIED ASPHALT. RATES OF APPLICATION SHALL BE DETERMINED BY THE ENGINEER AT THE TIME OF APPLICATION. IT IS ESTIMATED THAT 1,444 GALLONS WILL BE REQUIRED FOR TACK COAT.

ANY LAYER OF HOT MIX ASPHALT PAVEMENT THAT IS TO HAVE A SUCCEEDING LAYER PLACED THEREON SHALL BE COMPLETED FULL WIDTH BEFORE SUCCEEDING LAYER IS PLACED.

THE CONTRACTOR MAY USE AN EXPOSED LONGITUDINAL JOINT FOR A MAXIMUM OF ONE DAY. THE JOINT WILL CONSIST OF A VERTICAL FACE 1 INCH DEEP, AND AT THE BOTTOM OF A VERTICAL FACE, A 3:1 SLOPE TO THE EXISTING PAVEMENT (OR SUBGRADE). THE MAXIMUM DEPTH OF THE 3:1 SLOPE SHALL BE 2 INCHES. AT THE END OF ONE DAY, PLACEMENT OF THE HMA ON THE ADJACENT LANE IS REQUIRED.

THE FOLLOWING SHALL BE FURNISHED WITH EACH BITUMINOUS PAVER.  
 1. A SKI TYPE DEVICE AT LEAST 30 FEET IN LENGTH.  
 2. A SHORT SKI OR SHOE.  
 3. 6 INCH SHOE IS REQUIRED

DEPTH OF MOISTURE-DENSITY CONTROL FOR THIS PROJECT SHALL BE AS FOLLOWS:  
 - FULL DEPTH OF ALL EMBANKMENTS

TYPE OF COMPACTION FOR THIS PROJECT WILL BE AASHTO T99. WATER USED FOR COMPACTION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

WATER SHALL BE USED AS A DUST PALLIATIVE WHERE REQUIRED. LOCATIONS SHALL BE AS ORDERED AND WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE WORK.

SHOULDERING MATERIAL FROM EDGE OF PAVEMENT TO P.O.S.S. SHALL BE COMPACTED USING MOISTURE DENSITY CONTROL AASHTO T-99.

ALL MATERIAL GENERATED WITHIN THE PROJECT LIMITS SHALL BE REMOVED FROM THE PROJECT SITE AT NO COST TO THE PROJECT UNLESS SPECIFIED BY THE PLANS.

MILLING MATERIAL GENERATED BY PROJECT MAY BE USED BY THE CONTRACTOR. MILLINGS NOT USED BY THE CONTRACTOR WILL BE GIVEN TO CDOT. THESE MILLINGS SHALL BE STOCKPILED AT THE CDOT YARD AT THE CORNER OF US36 AND BROADWAY. 24 HOURS NOTICE WILL BE GIVEN TO RAY TERRONES, 303-546-5640.

THE CONTRACTOR SHALL REPAIR OR REPLACE AT THE CONTRACTOR'S EXPENSE ANY EXISTING SIGNS DAMAGED BY CONTRACTOR.

THE CONTRACTOR SHALL PROVIDE A CERTIFIED SCALE AND CERTIFIED WEIGHER AT THE POINT OF LOADING FOR ALL AGGREGATES AND WATER DELIVERED TO THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN DRAINAGE DURING THE WORK. ANY REWORK OF MATERIALS DUE TO LACK OF THE MAINTENANCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

REMOVAL OF TEMPORARY PAVEMENT MARKINGS WILL NOT BE PAID FOR SEPARATE BUT SHALL BE INCLUDED IN THE WORK.

ALL WORK WILL BE DONE ON MONDAY THROUGH FRIDAY BETWEEN 9:00 AM AND 3:30 PM.

TRAFFIC WILL USE THE PRESENT ROADWAY DURING CONSTRUCTION.

IT IS ESTIMATED THERE WILL BE 9 EACH RESET MAILBOX STRUCTURE (TYPE 1), 4 EACH RESET MAILBOX STRUCTURE (TYPE 2), AND 3 EACH RESET MAILBOX STRUCTURE (TYPE 3)

THE CONTRACTOR SHALL PROTECT ANY NGS (NATIONAL GEODETIC SURVEY) BENCHMARKS LOCATED WITHIN PROJECT LIMITS. THE CONTRACTOR SHALL REPAIR OR REPLACE AT THE CONTRACTOR'S EXPENSE ANY NGS BENCHMARK DAMAGED BY THE CONTRACTOR. IT IS ESTIMATE THAT THERE ARE 5 NGS BENCHMARKS WITHIN PROJECT LIMITS

**Cell: SHEET Design-Sheet  
(General cell library)**

**Level: DRAFT Text-3  
Text Style: .07" ENG-100**

ALL ACCESSES AND ROAD APPROACHES SHALL REQUIRE 2.5 INCHES OF HMA (GR. S)(75)(PG 64-28) AND SHALL BE PAVED FULL WIDTH.

THE FOLLOWING ACCESSES/ROAD APPROACHES WILL BE PAVED TO THE RIGHT-OF-WAY LINE:

- 1) PLATEAU ROAD (LT.)
- 2) GREENBRIAR RESTAURANT ACCESS SOUTH OF LEFT HAND CANYON DRIVE (RT.)
- 3) MOUNTAIN RIDGE DRIVE (RT.)
- 4) NELSON ROAD (LT.)

THE FOLLOWING ACCESSES/ROAD APPROACHES WILL BE PAVED 50 FEET FROM THE EDGE OF TRAVELED WAY.

- 1) MCGUCKINS DISTRIBUTION ENTRANCE (RT.)
- 2) NEBO ROAD (LT.)
- 3) MIDDLE FORK ROAD (RT.)
- 4) ACCESS AT STA 212+00 (LT.)
- 5) LEFT HAND CANYON DRIVE (RT.)

THE FOLLOWING ACCESSES/ROAD APPROACHES WILL BE PAVED 20 FEET FROM THE EDGE OF TRAVELED WAY.

- 1) ACCESS AT STA 238+50 (RT.)
- 2) ACCESS AT STA 145+20 (RT.)

FOR PAVING AT THE NORTH AND SOUTH NEVA ROAD CONNECTORS SEE SCHEMATIC IN PLANS

PRIOR TO PLACING BITUMINOUS PAVEMENT, SWEEPING OF DIRT AND GRAVEL FROM THE EXISTING MAT WILL NOT BE PAID FOR SEPARATELY.

WHERE CUTTING OF ASPHALT PAVEMENT IS REQUIRED, THE CUTTING SHALL BE DONE TO A NEAT WORK LINE WITH A SAW OR CUTTING WHEEL AS APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS SUBSIDIARY TO THE WORK.

IT IS ESTIMATED THAT 100 TONS OF HMA PATCHING WILL BE REQUIRED FOR THIS PROJECT AT LOCATIONS DESIGNATED BY THE ENGINEER.

THE SMOOTHNESS INCENTIVE FOR THIS PROJECT SHALL BE CATEGORY 2 (INCHES/MILES).

MAINTENANCE OF THE SANITARY FACILITY SHALL INCLUDE A CLEANING AT LEAST TWICE A WEEK. THIS WILL BE SUBSIDIARY TO THE PAY ITEM FOR SANITARY FACILITY AND WILL NOT BE PAID FOR SEPARATELY.

THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE AND/OR TOES OF SLOPES SHOWN ON PLANS. ANY DISTURBANCE BEYOND THESE LIMITS SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. CONSTRUCTION ACTIVITIES IN ADDITION TO NORMAL CONSTRUCTION PROCEDURE SHALL INCLUDE THE PARKING OF VEHICLES OR EQUIPMENT, DISPOSAL OF LITTER, AND ANY OTHER ACTION WHICH WOULD ALTER EXISTING CONDITIONS.

IT IS ESTIMATED THAT 10 HOURS OF BLADING WILL BE REQUIRED FOR THIS PROJECT.

THE CONTRACTOR SHALL MAP STRIPING LOCATIONS PRIOR TO PAVING AND SHALL STRIPE THE ROADWAY TO MATCH ORIGINAL STRIPING LOCATIONS UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

DURING HMA PAVING OPERATIONS, TEMPORARY PAVEMENT MARKING SHALL BE PROVIDED AND PLACED BY THE CONTRACTOR IN ACCORDANCE WITH STANDARD S-612-1. TEMPORARY PAVEMENT MARKING SHALL BE PLACED AND IN FULL COMPLIANCE AT THE END EACH WORKING DAY.

IT IS ESTIMATED THAT 4 EACH REMOVE DELINEATORS WILL BE REQUIRED FOR THIS PROJECT. ALL REMOVED DELINEATORS WILL BECOME PROPERTY OF THE CONTRACTOR. IT IS ESTIMATED THAT THE FOLLOWING No. 612 ITEMS WILL BE REQUIRED FOR APPROACH RAIL AT STR. D-15-X AND PAVEMENT WIDTH CHANGES AT MIDDLE FORK ROAD AND LAKE OF THE PINES ACCESS WIDENING IN ACCORDANCE WITH STANDARD PLAN S-612-1:

DELINEATOR (Type I) 12 EACH  
 DELINEATOR (Type II) 26 EACH  
 DELINEATOR (Type III) 4 EACH

REFLECTORS FOR DELINEATORS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF 612 DELINEATORS. IT IS ESTIMATED THAT 60 CRYSTAL AND 16 YELLOW REFLECTORS WILL BE REQUIRED.

IT IS ESTIMATED THAT 4 DM-BT DECALS, "DELINEATION PANEL," 16" x 16" SHALL BE REQUIRED. COST OF DM-BT DECALS SHALL BE INCLUDED IN THE COST OF THE OF GUARDRAIL END ANCHORAGE.

IF AT ANY TIME DURING PROJECT WORK:  
 -WORK DISTURBS AREAS IN OR AROUND STREAMS, WHETHER FLOWING OR DRY  
 -CULTURAL OR PALEONTOLOGY MATERIALS ARE FOUND  
 -ABANDONED OR HAZARDOUS WASTE IS UNCOVERED  
 -IMPACTS ARE MADE TO WETLANDS, PONDS, OR OTHER SURFACE WATER, OR THERE IS A NEED TO CUT DOWN OR TRIM TREES  
 PLEASE CONTACT CAROL PARR, REGION 4 ENVIRONMENTAL UNIT MANAGER AT 970-350-2170

IT IS ESTIMATED THAT 10 HOURS OF TREE TRIMMING WILL BE REQUIRED FOR THIS PROJECT

Print Date: 7/12/2006	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Sheet Revisions</b>			Colorado Department of Transportation  Region 04	<b>As Constructed</b>		<b>GENERAL NOTES</b>			<b>Project No./Code</b>	
Drawing File Name: 15585 GeneralNotes.dgn		Date:	Comments	Initials		No Revisions:					STA 0361-082	
Horiz. Scale: NTS						Revised:	Designer: RDM	Structure			15585	
						Void:	Detailer: RDM	Numbers			Sheet Number 5	
						Sheet Subset: GEN NOTES	Subset Sheets:	1 of 1				

**Place Resident  
Engineer Cell Here**