DOTD 03-22-0752
12/94

Louisiana Department of Transportation and Development

BASE COURSE DESIGN
FOR CENTRAL PLANT MATERIALS MIXTURES

Project No. ____-____-____ Plant Code B____ Mat Code ____ Seq. No. ____

Plant Type ____ 1 = Batch 2 = Continuous Base Course Class ____ Base Course Type ____

FAP No. ____ Proj. Name ____

Proj. Engr. ____ Contractor ____

Production Rate: ____ lb/batch ____ tons/hr ____ yd^3/hr

Materials

	Code	Source		Batch Wt. (for Batch Plant Operations)	Feed Rate (lb/min) (for Continuous Plant Operations)	% Weight
MATERIAL 1						
MATERIAL 2						
MATERIAL 3						
CEMENT						
LIME/ADDITIVE						
						100.0%

Gradation

Sieve Size	Material 1 ____, % Passing	Material 2 ____, % Passing	Material 3 ____, % Passing	Contractor % Passing	DOTD % Passing
2 1/2					
1 1/2					
1					
3/4					
No. 4					
No. 10					
No. 40					
No. 200					

DOTD Results

Max. Dry Weight Density, lb/ft^3 ____ Optimum Moisture, % ____ Cement, % ____

Unit Wt. of Additive ____ Lime, % ____

Date First Used ____-____-____ Additive, % ____

Remarks 1 ____

____

Submitted By ____ ____ Date ____-____-____

Checked By ____ Date ____-____-____

Approved ____ (yes / no) Date ____-____-____

Approved By ____ ____

District Laboratory Engineer