MATT MENU SELECTION - 30

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

PORTLAND CEMENT CONCRETE MIX DESIGN

DOTD 03-22-0735
Metric/English
Rev. 7/98

Metric / English ☐ (M / E) *Located on MATT Menu*

Project No. ☐☐☐-☐☐☐-☐☐☐☐☐ **Material Use** ☐ *P = Pavement S = Structural* **Plant Code** C ☐☐☐☐ **Material Code** ☐☐☐☐

Type / Class ________ Plant Name ________ **Mix Design No.** ☐☐☐☐ Slip Form Paving ☐ *Y = Yes N = No*

Mixing Method ☐ *1=Truck Mixer, 2=Central Mixer, 3=Site Mixer* Parish ________ Proj.Name ________ F.A.P. ________

Materials

	Source Code	Company Name	Location	Mat.Code	Alk. React. *Y = Yes N = No*	Spec. Grav.	Absorp. Factor	Product Name
Cement	☐☐☐☐	________	________	☐☐☐☐		☐.☐☐☐		
Fly Ash	☐☐☐☐	________	________	☐☐☐☐		☐.☐☐☐		
Slag	☐☐☐☐	________	________	☐☐☐☐		☐.☐☐☐		
Fine Aggregate	☐☐☐☐	________	________	☐☐☐☐	☐	☐.☐☐☐	☐.☐☐	
Coarse Aggr. 1	☐☐☐☐	________	________	☐☐☐☐	☐	☐.☐☐☐	☐.☐☐	
Coarse Aggr. 2	☐☐☐☐	________	________	☐☐☐☐	☐	☐.☐☐☐	☐.☐☐	
Water Reducer	☐☐☐☐	________	Normal Set ☐ *Y = Yes N = No*	Set Retarder ☐ *Y = Yes N = No*				________
Air Entrainer	☐☐☐☐	________						________
Set Accelerator	☐☐☐☐	________	Chloride ☐ *Y = Yes N = No*	Non-Chloride ☐ *Y = Yes N = No*				________
Superplasticizer	☐☐☐☐	________						________
Special Additive A	☐☐☐☐	________		☐☐☐☐		☐☐.☐☐☐		________
Special Additive B	☐☐☐☐	________		☐☐☐☐		☐☐.☐☐☐		________
Special Additive C	☐☐☐☐	________		☐☐☐☐		☐☐.☐☐☐		________

Mixing Water: ☐ *1 = City, 2 = Well, 3 = Other* ________

Mix Proportions For One Cubic Meter (Cubic Yard) of Concrete

		Unit
Cement	☐☐☐☐	kg (lb)
Fly Ash	☐☐☐☐	kg (lb)
Slag	☐☐☐☐	kg (lb)
Fine Aggregate (SSD)	☐☐☐☐☐	kg (lb)
Coarse Aggregate 1 (SSD)	☐☐☐☐☐	kg (lb)
Coarse Aggregate 2 (SSD)	☐☐☐☐☐	kg (lb)
Water	☐☐☐☐☐	L (gal)
Water Reducer	☐☐☐☐☐☐	mL (oz)
Air Entrainer	☐☐☐☐☐☐	mL (oz)
Set Accelerator	☐☐☐☐☐☐☐	mL (oz)
Superplasticizer	☐☐☐☐☐☐☐	mL (oz)
Special Additive A	☐☐☐☐☐☐☐	☐☐☐
Special Additive B	☐☐☐☐☐☐☐	☐☐☐
Special Additive C	☐☐☐☐☐☐☐	☐☐☐

UNIT
kg, L, mL
(lb, gal, oz)

Contractor ________

Certified Concrete Technician ________ ☐☐☐☐ Code

Date Submitted ☐☐-☐☐-☐☐☐☐

Departmental Use

Yield	☐☐☐☐☐☐	m^3 (cu ft)
Cement Factor	☐☐☐	kg/m^3 (bag/cu yd)
Fly Ash	☐☐	% By Mass (Wt)
Slag	☐☐	% By Mass (Wt)
Water-Cement Ratio	☐☐☐	L/m^3 (gal/bag)
Water-Cement Ratio	.☐☐☐	By Mass (Wt)
Cement with 0.6% or less Alkalies required	☐	*Y = Yes N = No*

Date Received ☐☐-☐☐-☐☐☐☐ **ACCEPTED** ☐ **REJECTED** ☐

________ **District Laboratory Engineer** ☐☐☐☐☐ **Code** ☐☐-☐☐-☐☐☐☐ **Date**

Acceptance based on mix proposal meeting spec. requirements for yield, cement factor, water-cement ratio, materials sources, cement type, admixture types, special additive, MATT codes & results of trial batches

Remarks ☐☐