

ISSUED: \_\_\_\_\_  
REVIEWED: \_\_\_\_\_  
DATE: \_\_\_\_\_  
MIX NO. : \_\_\_\_\_

CONCRETE MIX DESIGN

CONCRETE SUPPLIER: Concrete Company Name  
ADDRESS: Address  
PLANT LOCATION: City, State TELEPHONE NO: \_\_\_\_\_  
ASSIGNED PLANT NO.: FDOT Plant # PROJECT NO: Project  
DATE: 3/3/2007

CLASS CONCRETE 4000 psi Class IV SPL

SOURCES OF MATERIALS

COARSE AGGREGATE: Coarse Agg Supplier GRADE: #67 S.G. (SSD): 2.60  
FINE AGGREGATE: Fine Agg Supplier FM: 2.55 S.G. (SSD): 2.60  
PIT NO. (COARSE): 070 TYPE: Crushed Limestone  
PIT NO. (FINE): 023 TYPE: Silica Sand  
CEMENT: Cement Cupplier SPEC: ASTM C150  
AIR ENTR. ADMIX: Admix Supplier SPEC: ASTM  
2ND ADMIX: Admix Supplier SPEC: ASTM  
3ND ADMIX: Admix Supplier SPEC: ASTM  
POZZ #1: flyash supplier SPEC: ASTM  
POZZ #2: pozz 2 supplier SPEC: ASTM

CEMENT lbs : 373.3  
COARSE AGGREGATE lbs : 1,783.0  
FINE AGGREGATE lbs : 1,291.2  
AIR ENTR. ADMIX oz : 5.3  
2ND ADMIXTURE oz : 21.3  
3RD ADMIXTURE oz : 53.3  
WATER gals : 32  
WATER lbs : 266.7  
POZZ #1 lbs : 160.0  
POZZ #2 lbs : 0

SLUMP RANGE: 3.00 to 5.00 inches  
AIR CONTENT: 1.5 to 4.5 %  
UNIT WEIGHT (wet) : 143.5 lbs/ft<sup>3</sup>  
WATER CEMENT RATIO (lbs/lb): .50  
MAX. ALLOWABLE W/C (Field) : .50  
THEORETICAL YIELD: 1 Cubic yard

PRODUCER TEST DATA

CHLORIDE CONTENT : 0.156 lbs/cu yd  
SLUMP : 4.5 inches  
AIR CONTENT : 3.2 %  
TEMPERATURE : 88.9 F

COMPRESSIVE STRENGTH DATA (PSI)

7 DAY: 3450      7 DAY: 3420      28 DAY: 4700  
7 DAY: 3380      28 DAY: 4650      28 DAY: 4640