

Contract No.: EA No.: IN7872 Lab No.: 05-001246
Project: CONCRETE MIX DESIGN- CLASS 25 SLIP FORM/CURB
Highway: County: Data Sheet No.: NONE
Contractor: FA No.:
Project Manager: Org Unit: Bid Item No.:
Submitted By: DONNA PRUETT Org Unit: 2820 Sample No.: NA
Material Source: EUGENE SAND & GRAVEL Qty Represented: NA
DATE-Sampled: NA Received: 05/ 4/11 Tested: 05/ 4/11 Reported: APR 12 2005
Type of Test: Mix Design Review - Structural Use: Class 25.0-19.0 mm - Class 3620 psi

REVIEW OF CONTRACTOR CONCRETE MIX DESIGN - TM 741x - METRIC

Mix Producer: EUGENE SAND & GRAVEL Contractor Mix Design No.: ESG 164

The request to review Class 25 concrete mix design for Slip Form/Curb applications was evaluated according to the 2002 Standard Specifications.

Average Compressive Strength 36.6 MPa @ 28 days

Based on a review of the mix proportions and the available information it has been determined that the mix design complies with the specifications. This mix design is approved for use on ODOT projects. Use in accordance with and as allowed by project Special Provisions.

Mix Designed by: Tim Mansfield CCT # 43273

Mix proportions as submitted by : EUGENE SAND & GRAVEL Exposure : MODERATE

Cement	340 kg/m3	GLACIER NW	Type I Dalian ONODA
19-4.75	938 kg/m3 SSD	Gssd : 2.626 Abs : 3.0 %	Source : 20-048-3
4.75-0	868 kg/m3 SSD	Gssd : 2.550 Abs : 4.3 %	Source : 20-048-3 FM : 2.88
Water	142 kg/m3	W/C Ratio : 0.42	Slump : 50 mm
Air Content	5.0 %		
Density	2287.7 kg/m3		
	Air Entrainment Agent : Degussa/AE-90		
	Water Reducer : Degussa/Pozzolith 80		

This report does not supersede, delete or amend the project specifications. Our review of this mix design does not relieve the Contractor of the responsibility to produce satisfactory concrete.

741X = \$ 0.	REMARKS: Mix Design DOES comply with specifications. *	TOTAL CHARGES: \$ 0.00
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REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THIS LABORATORY.

C: FILES ; R. KESSLER-CONSTRUCTION ; EUGENE SAND & GRAVEL
; DONNA PRUETT - REG 2 PROJ MGR-PAYNE ; QAC 2; PM PAYNE

Donna Pruet
Laboratory Services Manager