

A CONTRACTORS POINT OF VIEW

SUPER FLAT FLOORS

QUICK
REVIEW-
WHAT FF #
REPRESENT

- FF 25 = $\frac{1}{4}$ INCH DEFECT IN 10 FEET
- FF 50 = $\frac{1}{8}$ INCH DEFECT IN 10 FEET
- FF 100 = $\frac{1}{16}$ INCH DEFECT IN 10 FEET

COMMUNICATION

OFFICE STAFF – PROJECT MANAGER

FIELD STAFF –FORMAN AND LABOR

CONCRETE SUPPLIER -- DISPATCH AND QUALITY CONTROL

TESTING COMPANY

OFFICE STAFF – PROJECT MANAGERS

BIDDING

1. EXTRA LABOR FOR POUR SIZE
2. EXTRA LABOR FOR FINISHING

SHARE THE SPECS

1. FIELD STAFF HAS TO KNOW WHAT IS EXPECTED

FIELD STAFF - - FORMAN

SET THE STANDARD FOR THE CREW -- HE HAS TO TELL
THEM WHAT IS NEEDED

CHECK AND RECHECK

1. GRADE
2. SCREEDS
3. FINISHING PROCESS

CONCRETE SUPPLIER

- DISPATCH HAS TO UNDERSTAND YOUR RATE OF PLACEMENT
- PLANT HAS TO BE PREPARED FOR THE POUR SIZE
- QUALITY CONTROL HAS TO ENSURE CONSISTENT SLUMPS
- MIX DESIGNS HAVE TO BE WORKABLE WITH MINIMAL SHRINKAGE



STILL THINGS CAN HAPPEN

- FIGHTING A COLD JOINT IS HARD

TESTING COMPANY

- HELP DURING THE POUR WITH SLUMP TEST
 1. THE MORE CONSISTENT THE SLUMP THE MORE CONSISTENT THE SET
- FLOOR TEST
 1. ACI – COMPLETED WITHIN 72 HOURS OF THE PLACEMENT
 2. AS SOON AS THE FLOOR IS COMPLETELY SET
 - # BEFORE THE FLOOR IS CUT – CURLING

MIX DESIGNS

- AGGREGATE
 1. FINE TO COURSE RATIO
 - A. FINE AGG MAKES PASTE
 2. COURSE AGG SIZE
 - A. LARGER COURSE HELPS FIGHT CURLING
 - B. CHIPS HELP WITH WORKABILITY
 3. ADD MIX
 - A. SUPER P -- W/C RATIO



The way we do it

- THIS FLOOR WAS A F 65



SCREED MACHINE

- SOMERO LASER



SCREAD MACHINE

- COPPER HEAD



FLOATING

- FIRST STEP IN FINDING HIGHS AND LOWS
- 10 FT BUMP CUTTERS HELP



TROWELING

- WE HIT FLOORS A FEW PASSES WITH PANS
- WE USE A CHANGING PATTERN TO FIGHT RIDGING



TOO EARLY TOO SANDY

- ANY TIME YOU MOVE PASTE YOU HAVE THE CHANCE TO CREATE A BUMP OR HUMP



WHY SO FLAT

- ROBOT FORK LIFTS

THE END