



A CRH COMPANY

My Experience

By Jon Durham

Who Am I?

- Jon Durham
- Lafayette, GA
- Up Coming Senior at Middle Tennessee State University
- Concrete Industry Management Major / Business Admin Minor



A CRH COMPANY

Harrison CC

- Started in 1928 in Pittsburgh, Pennsylvania by E.J. Harrison
- Moved to Tennessee in 1939
- Has offices in Knoxville, Tennessee and Asheville, North Carolina
- Has 13 ready mix concrete plants, 19 hot mix asphalt plants, 9 quarries and 1 industrial minerals site

Mechanic Shop

- Mechanic Shop:
- For my time in the shop, I rode with Andy the lube truck driver.
- With Andy I was able to change fuel filters, oil filters, air filters, and the front and rear differentials on loaders located in different areas.
- For the last day in the shop, I was able to ride with the float driver IZ picking up and moving equipment to and from different sites.

Float Truck



Asphalt Plants

- I worked at 3 different locations:
 - Cinder Lane
 - Maryville
 - Watt Rd
- I was able to gain a general knowledge on how to load trucks from an asphalt plant
- Able to learn how an asphalt plant operates
- Acted as a ground man running the bobcat around the plant

Cinder Lane

Asphalt plant

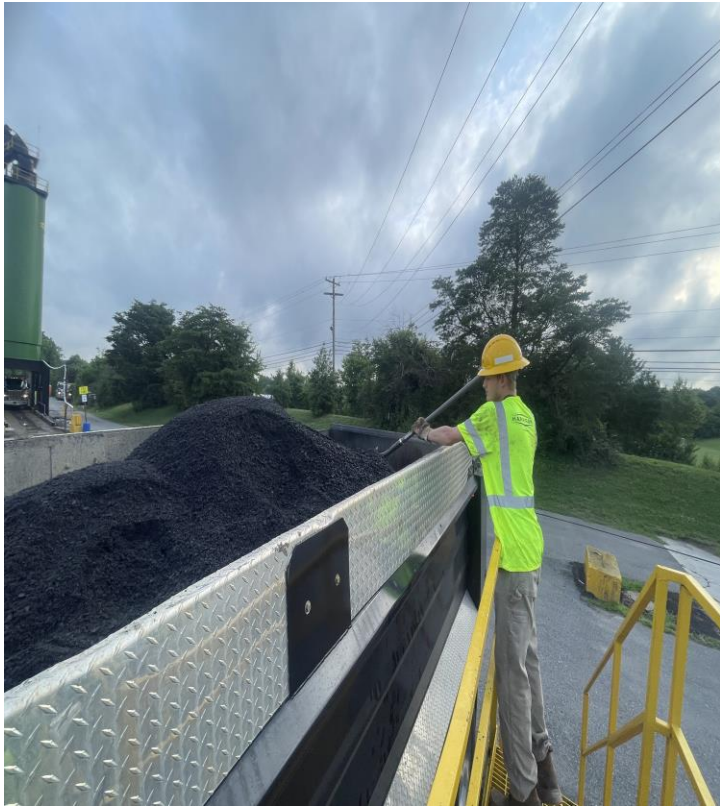


Control Tower



Asphalt Quality Control

- Work with the technicians to learn and understand the basic operations and processes of quality control
- Ran various test such as taking samples, wet and dry sieve analysis, and making pills



Quality Control

Asphalt Management

- I worked with Jeff and Chris to see the responsibilities and duties of a superintendent. This includes:
- Overseeing the crews
- Ordering the equipment to be moved to the jobsite
- Spraying indicators on the ground
- Working with inspectors on jobsites

Asphalt Crews

- I worked with 4 different crews
- Acted as rake and shovel man
- Was able to see the process of operations
- Learned the responsibilities of each crew member including Foreman, Screw man, Paver, Rake man, Shovel man, and Roller man
- Got familiar with the language



Projects



Projects Pt. 2

Grading Operations and Land Survey

- Was able to get familiar with the basic operations of grading.
- Learned how to operate a compactor and an art truck.
- Learned how to read, write, and set survey stakes
- Had the role of checking grade
- Had the role of driving stakes
- Was able to attend a preconstruction meeting



Equipment

Concrete Ops and Plants

- Worked with Jerry and Bobby to understand their role as superintendent over the plants. During this time, we oversaw all the operating plants and trucks. Helped the plants in any way we could at any given time.
- Worked at 5 different plants:
 - Topside
 - Knoxville
 - Morristown
 - Gallaher
 - Lovell Rd
- Ran the loader to reload the aggregate bins
- Learned how to batch trucks and got familiar with Command Batch



Concrete Ops and Plants



Concrete Ops and Plants

Concrete Quality Control

- Took samples
- Conducted Slump test
- Conducted Air test
- Made Cylinders
- Was able to slump trucks at the plants
- Spread Test
- Learned how to make on the job corrections



Quality Control

Mixer Truck

- I spent two days with a mixer truck driver
- Learned and understood the processes of washing down a truck
- Learned how the driver discharges the load onto certain jobs
- Learned the struggles or problems the drivers may face within a day

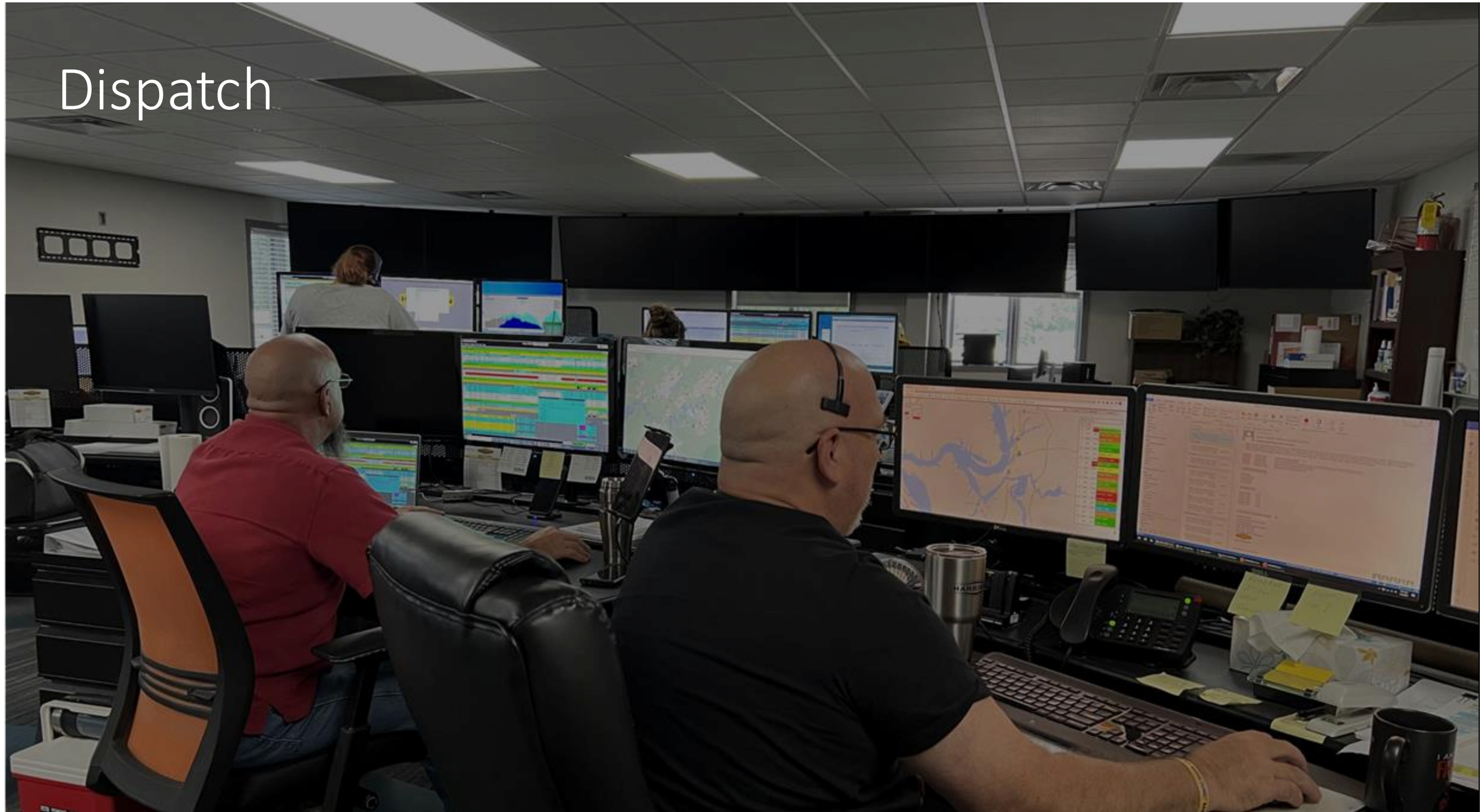


Mixer

Dispatch

- I learned how to read the schedule on Command
- I saw how orders were taken
- How tickets were sent out to the plants
- How orders cancel
- Saw an ordinary day in dispatch

Dispatch



Sales

- Learned how to do the back log
- Learned how to quote a job
- Learned where to find jobs to bid
- Sat in different meetings
- Saw what an average day of a sales rep looks like

Extra

- Burton Short: Operation Management
- Matthew Justice: Operation Management
- Stephen Lowrey: CRH Performance
- Josh Cardwell: Traffic Control
- Herman Wilson: Construction Operation
- Roger Burchfield: Construction Operation (Concrete)
- Accounting Team

My Changes

2022 JUNE

CALENDAR YEAR CALENDAR MONTH

MONDAY

FIRST DAY OF WEEK

44704	44705	44706	44707	44708	44709	44710
30	31	01	02	03	04	05
06	07	08	09	10	11	12
ASPHALT QC- MIX DESIGN AND METHODS	ASPHALT QC- EVERYDAY ISSUES	ASPHALT QC- INVENTORY MANAGEMNT	ASPHALT PLANT MANAGEMENT (TIM LEDBETTER)	ASPHALT PLANT MANAGEMENT (MACK BEST)	OFF	OFF
13	14	15	16	17	18	19
ASPHALT OPERATIONS JEFF LOOPE	ASPHALT OPERATIONS JEFF LOOPE	ASPHALT OPERATIONS CHRIS PILKINGTON	ASPHALT OPERATIONS CHRIS PILKINGTON	CONSTRUCTION OPERATIONS HERMAN WILSON/ JAMES HAWKINS	OFF	OFF
20	21	22	23	24	25	26
ASPHALT CREWS (SHORTY)	ASPHALT CREWS (SHORTY)	ASPHALT CREWS (RICK NEEDHAM)	ASPHALT CREWS (RICK NEEDHAM)	ASPHALT CREWS (WILLIE)	Optional	OFF
27	28	29	30	01	02	03
CONSTRUCTION OPERATIONS DAVID HUDSON	CONSTRUCTION OPERATIONS WADE ANDERSON	CONSTRUCTION OPERATIONS ROGER BURCHFEILD	CONSTRUCTION OPERATIONS WADE ANDERSON	CONSTRUCTION OPERATIONS JOE RENFRO	OFF	OFF
04	05	06	07	08	09	10

2022 JULY

CALENDAR YEAR CALENDAR MONTH

MONDAY

FIRST DAY OF WEEK

44732	44733	44734	44735	44736	44737	44738
27	28	29	30	01	02	03
04	05	06	07	08	09	10
HOLIDAY	READY MIX OPS JERRY SIZEMORE	READY MIX OPS JERRY SIZEMORE	READY MIX OPS BOBBY WRIGHT	READY MIX OPS BRAD CROSSLING	OFF	OFF
11	12	13	14	15	16	17
READY MIX PLANTS TOPSIDE	READY MIX PLANTS LOVELL	READY MIX PLANTS KNOXVILLE	READY MIX PLANTS MORRISTOWN	READY MIX PLANTS GALLAHER	OFF	OFF
18	19	20	21	22	23	24
READY MIX QC DON CHILDRESS CHRIS MERSHON	READY MIX QC TRENTON HICKEY	READY MIX QC FIELD OPS MARK	READY MIX DRIVE ALONG (DRIVER #1)	READY MIX DRIVE ALONG (DRIVER #2)	OFF	OFF
25	26	27	28	29	30	31
READY MIX ADMIN LIZ KEY	CRH OFFICE STEPHEN LOWREY	READY MIX MGMT DOUG BROWN	READY MIX SALES DREW COTHERN	READY MIX SALES PAM WRINKLE	OFF	OFF
01	02	03	04	05	06	07

Future

- After school I'll be looking for a couple different positions
 - Outside Sales Representative
 - Estimator
 - Quality Control

Thank
you



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