

40-year-old concrete stands test of time



Photos by Eric Von Franklin, Fort Cavazos Public Affairs

A group of concrete and engineering professionals gather in a motor pool at Fort Cavazos.



Barry Bozio from the Fort Cavazos Directorate of Public Works speaks to a group of professionals about roller-compacted concrete during a symposium.

BY ERIC VON FRANKLIN
Fort Cavazos Public Affairs

The Directorate of Public Works, in partnership with the Cement Council of Texas, or CCT, hosted the Roller-Compacted Concrete, or RCC, Engineer Learning Professional Development Symposium June 23 to highlight RCC at Fort Cavazos.

Andrew Pinkerton, executive director of CCT, opened the event by emphasizing the importance of concrete and cement in construction.

“We promote the proper use of concrete and cement, whether it’s mission-critical or just the foundation for your air conditioning pad,” Pinkerton said.

A key highlight of the symposium was the inspection of a 40-year-old RCC pavement. Originally laid in 1983, this pavement has endured the test of time and heavy usage, including the weight of military tanks and other equipment. Participants were eager to see the material’s durability, and minimal maintenance needs, firsthand.

“We get to see a project underway,” Pinkerton said. “I’m most excited about seeing the 40-year-old RCC pavement

and the type of equipment that has been on top of it.”

Ron Harris, who originally built the RCC pavement, attended the symposium and shared his insights on the material’s longevity.

“Seeing the durability of the 40-year-old RCC pavement is truly exciting,” Harris said.

Capt. Shawn Tham, a combat engineer from the 1st Cavalry Division, provided valuable insights, from a military standpoint, on the benefits of RCC during the symposium.

“One of the key takeaways was the potential of roller-compacted concrete as a quick solution for repairing craters caused by dropped ordnance,” Tham said. “RCC offers significant advantages in terms of reducing construction time, minimizing equipment requirements and optimizing personnel hours compared to traditional repair methods.”

Tham also highlighted the impressive longevity of RCC, noting installations from more than 40 years ago remain robust today.

“Observing that RCC laid over 40 years ago is still strong makes me feel confident that it can withstand the increasing weight of military equipment without incurring maintenance costs,” Tham explained. “It’s rare when equipment or structures within the U.S. Army are fully mission capable without ongoing maintenance.”

Barry Bozio from the Fort Cavazos DPW Engineering Division, who has worked with concrete for several decades, emphasized RCC’s lasting impact and future potential.

“Years ago, DPW and many others experimented with this and then overlooked its potential,” Bozio said. “The new generation of engineers needs to recognize its value. It’s cost-effective, quick to use and you can drive on it within hours instead of days.”



An Abrams M1A2 SEPv3 sits atop a recently finished roller-compacted concrete slab. RCC pavement can often be opened for heavy traffic 24-48 hours after placement, an advantage for use in many applications.

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Dining Facility Operations Schedule July 2024

For the most updated schedule, visit home.army.mil/cavazos

OPEN (Breakfast, Lunch & Dinner)	OPEN (Brunch & Supper)	CLOSED	HOLIDAY
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IRONHORSE Building #41018 Old Ironside & 77th St.

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: 5-6:30 p.m. Monday-Friday
WR Manager: SFC Philpott

(BRUNCH/SUPPER): 9:30 a.m.-1 p.m.
(BRUNCH/SUPPER): 5-6:30 p.m.
(HOLIDAY): 11 a.m.-3 p.m.

ALWAYS READY Building #91226 HQ Ave., West Fort Cavazos

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1:30 p.m. Monday-Friday
Dinner: 5-6:30 p.m. Monday-Friday
Manager: 254-288-9538

(BRUNCH/SUPPER): 9:30 a.m.-1 p.m.
(BRUNCH/SUPPER): 5-6:30 p.m.
(HOLIDAY): 11 a.m.-3 p.m.

OPERATION IRAQI FREEDOM Building #21020 Battalion & 58th St.

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: 5-6:30 p.m. Monday-Friday
COR: Richard Johnson: 254-535-6845

(BRUNCH/SUPPER): 9:30 a.m.-1 p.m.
(BRUNCH/SUPPER): 5-6:30 p.m.
(HOLIDAY): 11 a.m.-3 p.m.

NORTH FORT CAVAZOS Building #56320

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 5:30-8:30 a.m. Sunday-Saturday
Lunch: 11:30 a.m.-1:30 p.m. Sunday-Saturday
Dinner: 5-7:30 p.m. Sunday-Saturday
COR: Richard Johnson: 254-535-6845

Building #56447 is only for overflow.
(HOLIDAY): 11 a.m.-3 p.m.

BLACK JACK Building #34002 Old Ironsides Ave. & Pyongyang Dr.

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: 5-6:30 p.m. Monday-Friday
Food Advisor: CW2 Rogers: 931-378-2957

(BRUNCH/SUPPER): 9:30 a.m.-1 p.m.
(BRUNCH/SUPPER): 5-6:30 p.m.
(HOLIDAY): 11 a.m.-3 p.m.

THEODORE ROOSEVELT Building #9205 Battalion & 21st St.

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: 5-6:30 p.m. Monday-Friday
COR: Richard Johnson: 254-535-6845

(BRUNCH/SUPPER): 9:30 a.m.-1 p.m.
(BRUNCH/SUPPER): 5-6:30 p.m.

CULINARY OUTPOST FOOD TRUCK 1 The Lonestar Conference Center

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: Closed
NCOIC: SSG Lopez: 787-414-1259

CULINARY OUTPOST FOOD KIOSK Old Ironsides and Pyongyang Drive

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

BRK, LUN, DIN: 8 a.m.-8 p.m. Monday-Friday (WNK): 8 a.m.-6 p.m.

Food Advisor: CW2 Rogers: 931-378-2957

PATRIOT INN Building #12007 Old Ironside & 33rd St.

Closed due to renovation. Tentatively scheduled to open Aug. 15.

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: 5-6:30 p.m. Monday-Friday
Food Advisor: WO1 Greene: 843-901-0260

(BRUNCH/SUPPER): 9:30 a.m.-1 p.m.
(BRUNCH/SUPPER): 5-6:30 p.m.

CULINARY OUTPOST FOOD TRUCK 2 1-44/4-5 ADA BN area parking Lot

SUN	MON	TUES	WEDS	THUR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Breakfast: 7:30-9 a.m. Monday-Friday
Lunch: 11:30 a.m.-1 p.m. Monday-Friday
Dinner: Closed
Food Advisor: WO1 Greene: 843-901-0260

Installation Food Service: 287-6595 III Armored Corps Food Service: 287-0573 Division Food Service: 287-3134

Veterans Crisis Line

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PRESS 1