



BOLT-ON

50 YEARS IN 50 DAYS

ONE MILE COMPLETE IN EACH DIRECTION, UP 50 YEARS OF SERVICE LIFE, EVERY 50 WORKING DAYS



WHY BOLT-ON

Texas' growing population is placing unprecedented demands on its roadways. Bolt-On offers an accelerated road-widening strategy that expands capacity and enhances service without the delays or cost of complete reconstruction.

By seamlessly “bolting” new asphalt lanes onto existing asphalt or concrete pavements, this approach relieves congestion and improves safety, ensuring smoother commutes and efficient movement of goods. With its innovative use of either **perpetual asphalt pavement** or **heavy-duty asphalt pavement**, Bolt-On creates a more durable, high-capacity corridor built to serve Texans for generations to come.

Reduced construction time is a key feature of Bolt-On. Overlapping phases of work and strategic use of concrete traffic barriers (CTBs) for seamless traffic management ensure Texans experience the benefits of expanded roads in record time with minimal disruption.* Speed of construction makes Bolt-On especially attractive from a safety perspective. Bolt-On reduces worker exposure to traffic and maintains open travel lanes, keeping communities and businesses connected throughout the process.

Bolt-On embodies a commitment to safe, efficient delivery while balancing innovation and stewardship to meet the state's evolving transportation needs.

**Based on one mile in each direction completed per 50 working days.*

WHY CHOOSE ASPHALT?

PERFORMANCE:

Asphalt pavement in Texas has proven to withstand heavy traffic value.

SUSTAINABILITY:

Asphalt is recyclable, minimizes waste, and is easier to maintain.

VERSATILITY:

Bolt-On works to add a lane to an existing roadway, either **asphalt** or **concrete**, expanding its capacity.

CAPACITY:

Statewide, the Asphalt Pavement Industry is fully equipped to meet demand and construct Bolt-On projects.

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high-capacity corridor built to serve
Texans for generations to come**

KEY BENEFITS



SAFETY FIRST

- **Fast-track construction** reduces workers' exposure to traffic risks.
- Fewer work zone disruptions mean **fewer opportunities for accidents**.
- **Improved traffic flow** enhances safety for the traveling public.



FASTER DELIVERY

- **One Mile Complete in each direction every 50 Working Days** — accelerated schedule keeps projects on time.
- **Traffic stays open** with seamless transitions onto newly strengthened shoulders.
- **Overlapping phases** expedite delivery times.



INNOVATIVE CONSTRUCTION

- Innovative heavy-duty asphalt pavement and perpetual asphalt pavement technology are used to achieve up to **50 years of service life**.
- The final overlay creates a **seamless bond** between new and existing lanes for increased strength and stability.



RESPONSIBLE STEWARDSHIP

- **Lower construction costs** than complete reconstruction; existing pavement and bridges remain, saving taxpayer dollars.
- **Minimal disruption** preserves the flow of commerce, benefiting businesses and travelers.
- **Enhanced corridors** accommodate growing traffic, improving mobility for all.
- **Faster project completion** ensures Texans experience the benefits of expansion sooner.

Bolt-On offers a future-proof solution that aligns with the needs of a growing state. With **faster completion, lower costs, and longer-lasting roads**, asphalt pavement delivers a better way to build.

HOW IT WORKS: **BOLT-ON IN ACTION**

01

STEP 1:

Place CTBs and shift traffic
onto the shoulder



02

STEP 2:

Bolt on the new lane



03

STEP 3:

Apply a final overlay to
unify the surface



04

STEP 4:

Install striping and open
for traffic

