

**GENERAL NOTES**

- USE CONSTRUCTION JOINT DETAIL IF JOINING TO EXISTING CONCRETE DRIVEWAY. USE EXPANSION JOINT DETAIL AT RIGHT-OF-WAY LINE.
- GRADE OF REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 IN ACCORDANCE WITH TXDOT ITEM 440.
- ALL REBAR TO BE SET ON BAR CHAIRS. PLASTIC OR METAL BAR CHAIRS ARE ACCEPTABLE; NO BRICKS, BROKEN CONCRETE, ROCKS, ETC.
- SUBGRADE SHALL BE COMPACTED TO 90% STANDARD PROCTOR.
- SEE PAV - 15 FOR DRIVEWAY PROFILE REQUIREMENTS.

DRIVEWAY WIDTH (12'-30') SEE PLAN

RIGHT-OF-WAY SIDEWALK

CONCRETE KICKER MINIMUM 12" RECOMMENDED 18"

CONCRETE PAVEMENT: SEE SECTION PROVIDED BELOW

18" LONG #5 REBAR @ 12" O.C. DRILL & EPOXY 6" INTO EXISTING CONCRETE

LOCAL OR COLLECTOR STREET

#3 BARS @ 12" O.C.E.W.

5" THICK CLASS A, 3000 PSI CONCRETE PER TXDOT ITEM 421

CONCRETE PAVEMENT

City of BRENHAM

STANDARD CONSTRUCTION DETAILS

RESIDENTIAL DRIVEWAY (CONNECTING TO LOCAL OR COLLECTOR)

DATE: 07/20/21 REVISED DATE: 07/20/21

PAV - 13

**GENERAL NOTES**

- USE CONSTRUCTION JOINT DETAIL IF JOINING TO EXISTING CONCRETE DRIVEWAY. USE EXPANSION JOINT DETAIL AT RIGHT-OF-WAY LINE.
- GRADE OF REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 IN ACCORDANCE WITH TXDOT ITEM 440.
- ALL REBAR TO BE SET ON BAR CHAIRS. PLASTIC OR METAL BAR CHAIRS ARE ACCEPTABLE; NO BRICKS, BROKEN CONCRETE, ROCKS, ETC.
- SUBGRADE SHALL BE COMPACTED TO 90% STANDARD PROCTOR.
- SEE PAV - 15 FOR DRIVEWAY PROFILE REQUIREMENTS.

DRIVEWAY WIDTH (25'-40') SEE PLAN

RIGHT-OF-WAY SIDEWALK

CONCRETE KICKER MINIMUM 12" RECOMMENDED 18"

CONCRETE PAVEMENT: SEE SECTION PROVIDED BELOW

18" LONG #5 REBAR @ 12" O.C. DRILL & EPOXY 6" INTO EXISTING CONCRETE

CONCRETE PAVEMENT FOR MULTI-FAMILY RESIDENTIAL AND COMMERCIAL

CONCRETE PAVEMENT FOR INDUSTRIAL

#4 BARS @ 12" O.C.E.W.

6" THICK CLASS A, 3000 PSI CONCRETE PER TXDOT ITEM 421

#5 BARS @ 12" O.C.E.W.

8" THICK CLASS A, 3000 PSI CONCRETE PER TXDOT ITEM 421

City of BRENHAM

STANDARD CONSTRUCTION DETAILS

MULTI-FAMILY RESIDENTIAL AND NON-RESIDENTIAL DRIVEWAY

DATE: 07/20/21 REVISED DATE: 07/20/21

PAV - 14

**GENERAL NOTES**

- DRIVEWAY GRADE MUST RISE TO TOP OF CURB ELEVATION TO CONTROL DRAINAGE IN STREET GUTTER.

(A) 8% MAX CHANGE IN GRADE (SAG PI)

(B) 12% MAX CHANGE IN GRADE (CREST PI)

VARIES

VARIES

5' MIN @ (LOCATION FOR SIDEWALK)

VARIES

STREET X-SLOPE

TOP OF CURB

2% MAX.

10% MAX

3/4" RISE @ GUTTER

R.O.W.

MATCH EXIST DRIVEWAY

City of BRENHAM

ALLOWABLE DRIVEWAY GRADE (RESIDENTIAL OR COMMERCIAL)

STANDARD CONSTRUCTION DETAILS

DATE: 07/20/21 REVISED DATE: 07/20/21

PAV - 15

**GENERAL NOTES**

- STANDARD DETAIL IS APPLICABLE FOR WATER, SANITARY SEWER AND STORM SEWER.
- CEMENT STABILIZED SAND SHALL CONTAIN A MINIMUM OF 1.5 SACKS OF CEMENT PER CUBIC YARD. SAND SHALL BE SP, SW OR SM PER USC (ASTM D2487) AND SHALL HAVE THE FOLLOWING PROPERTIES: LESS THAN 15% PASSING #200 SIEVE; LESS THAN 2% CLAY LUMPS; PI <7; LL <25.

INITIAL TRENCH WIDTH + 2' MIN

1' MIN INITIAL TRENCH WIDTH 1' MIN

MATCH EXIST THICKNESS (2" MIN) TYPE D HMAC PER TXDOT ITEM 340

PRIME PER TXDOT ITEM 310

FULL DEPTH SAW CUT REQUIRED (BOTH SIDES)

EXISTING PAVEMENT SURFACE

EXISTING PAVEMENT SECTION

SURFACE REPAIR

TRENCH BACKFILL

PIPE EMBEDMENT

MATCH EXIST THICKNESS (12" MIN) TYPE A, GRADE 2 CRUSHED LIMESTONE PER TXDOT ITEM 247. COMPACT TO 95% STANDARD PROCTOR (ASTM D698)

CEMENT STABILIZED SAND PER NOTE 2. PLACE IN MAXIMUM 9" LOOSE LIFTS. COMPACT BY VIBRATORY EQUIPMENT TO 95% STANDARD (ASTM D558)

REFER TO APPROPRIATE PIPE BEDDING & BACKFILL DETAILS TO DETERMINE PROPER PIPE EMBEDMENT

City of BRENHAM

STANDARD CONSTRUCTION DETAILS

PAVEMENT PATCH FOR EXISTING ASPHALT PAVED AREAS

DATE: 10/08/21 REVISED DATE: 10/08/21

PAV - 16

**GENERAL NOTES**

- STANDARD DETAIL IS APPLICABLE FOR WATER, SANITARY SEWER AND STORM SEWER.
- CEMENT STABILIZED SAND SHALL CONTAIN A MINIMUM OF 1.5 SACKS OF CEMENT PER CUBIC YARD. SAND SHALL BE SP, SW OR SM PER USC (ASTM D2487) AND SHALL HAVE THE FOLLOWING PROPERTIES: LESS THAN 15% PASSING #200 SIEVE; LESS THAN 2% CLAY LUMPS; PI <7; LL <25.

SAW CUT FULL DEPTH OF CONCRETE PAVEMENT (BOTH SIDES)

INITIAL TRENCH WIDTH

MATCH ADJACENT CONCRETE THICKNESS PLUS 2 INCHES. CLASS A, 3000 PSI CONCRETE PER TXDOT ITEM 421

EXISTING PAVEMENT SURFACE

EXISTING CONCRETE PAVEMENT

6" MIN

3" MIN

#4 BARS, 12" O.C.E.W.

18" LONG #5 BARS @ 12" O.C. DRILL EPOXY 6" INTO EXISTING CONCRETE

CEMENT STABILIZED SAND PER NOTE 2. PLACE IN MAXIMUM 9" LOOSE LIFTS. COMPACT BY VIBRATORY EQUIPMENT TO 95% STANDARD (ASTM D558)

REFER TO APPROPRIATE PIPE BEDDING & BACKFILL DETAILS TO DETERMINE PROPER PIPE EMBEDMENT

SURFACE REPAIR

TRENCH BACKFILL

PIPE EMBEDMENT

City of BRENHAM

STANDARD CONSTRUCTION DETAILS

PAVEMENT PATCH FOR EXISTING CONCRETE PAVED AREAS

DATE: 10/08/21 REVISED DATE: 10/08/21

PAV - 17