



212 Main Street · Lake Dallas, Texas 75065 · (940) 497-2226 · (940) 497-4485 Fax

<http://www.lakedallas.com> · lakedallas@lakedallas.com

Driveway/Culvert Construction

Permit Fee: \$125

Property Address: _____ Is property platted? Y / N

Lot: _____ Block: _____ Subdivision: _____

Owner: _____ Owner Address: _____

Contact Phone Number: _____ Email: _____

Contractor: _____ Is registered with City?

Contact Phone Number: _____ Email: _____

Project Description: Private drive Commercial drive Public access drive Driveway

Construction Material: Asphalt Concrete

Culvert Type: Box Reinforced concrete Corrugated Metal Other

Diameter: _____ Length: _____

*Minimum barrel diameter: 18" for driveway culverts and 24" for roadside ditches

*Minimum culvert length: 10'

Start Date: _____ Estimated Completion Date: _____

*All driveway culverts must meet flowline and pipe specifications, along with the horizontal distance from edge of pavement to center of culvert, found on the face of the plat for each lot.

With this form, please include a site plan. All work must be inspected prior to backfill. There are no exceptions.



I hereby agree that if a permit is issued, all the provisions of the City Ordinance and State Laws will be complied with, whether specified or not.

Applicant Signature

Date

Completed application and accompanying documents may be emailed to gcowling@lakedallas.com

Office Use Only

Permit Tech: _____

Permit #: _____

Date: _____

Total Fee Amount: _____

TABLE 2.9: Minimum and Maximum Driveway Widths⁽¹⁾

Driveway Type	Land Use	Width in Feet (face to face)⁽²⁾	
		Minimum (ft)	Maximum(ft)
Standard Driveway	Residential	10	24 to a street 32 to an alley ⁽³⁾
	Commercial	30 to a Major or Minor Arterial 24 to a Commercial Collector	36 (40 at a gas station)
	Industrial	30	40
One-Way Driveway	Residential (circular)	10	16
	Commercial	24	24
	Industrial	24	24
Divided High Capacity Driveway	Entrance	24	24
	Exit: Two Lanes	24	24
	Three Lanes	30	36
Driveway Medians		4	11

1. Driveway width at the property line. A driveway may transition to a different width as it extends onto the property.
2. Driveways that serve as a fire lane shall be a minimum of twenty-four feet (24') in width.
3. A residential driveway connecting to an alley may have a width up to a maximum of thirty-two feet (32') if the garage faces onto the alley; otherwise, its width is limited to twenty-four feet (24').



TABLE 2.10: Driveway Design Requirements

<u>Criteria</u>	<u>Thoroughfare Classification</u>	<u>Residential Driveway (ft)</u>	<u>Commercial or Multi-family Driveway (ft)</u>	<u>Industrial Driveway (ft)</u>
Driveway Curb Radius	Major Arterial	N.A.	30	40
	Minor Arterial	N.A.	30	40
	Commercial Collector	N.A.	25	40
	Residential Collector	N.A.	20	N.A.
	Local	5-10	N.A.	N.A.
Minimum Driveway Spacing Along	Major Arterial	N.A.	280	280
	Minor Arterial	N.A.	260	260



Engineering Standards

Roadway (edge to edge)	Commercial Collector	N.A.	90	90
	Residential Collector	N.A.	max. of 1 drive	N.A.
	Local	20 (10 when enclosing both mailboxes) ⁽²⁾	N.A.	N.A.
Minimum Distance to Intersection Along Roadway (edge to ROW line of intersecting street) ⁽¹⁾	Major Arterial	N.A.	75 / 200	75 / 200
	Minor Arterial	N.A.	75 / 200	75 / 200
	Commercial Collector	N.A.	100 / 100	100 / 100
	Residential Collector	N.A.	100 / 100	N.A.
	Local	15 / 5 from curb return to edge of drive	N.A.	N.A.
	Arterial Roundabout ⁽³⁾	N.A.	120 / 100	120 / 100

1. Upstream / downstream distance to intersection. See Figure 2.23.
2. If both mailboxes are located between two driveways, those driveways can be exactly 10 feet apart. If they are more than 10 feet apart, they must be 20 feet apart or more.
3. Applies to a roundabout on a Major Arterial, Minor Arterial, or Commercial Collector thoroughfare. Distances are measured upstream of yield line and downstream from crosswalk (see Section 2.05.G.3).

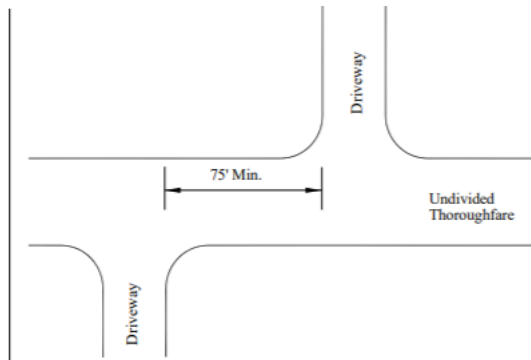
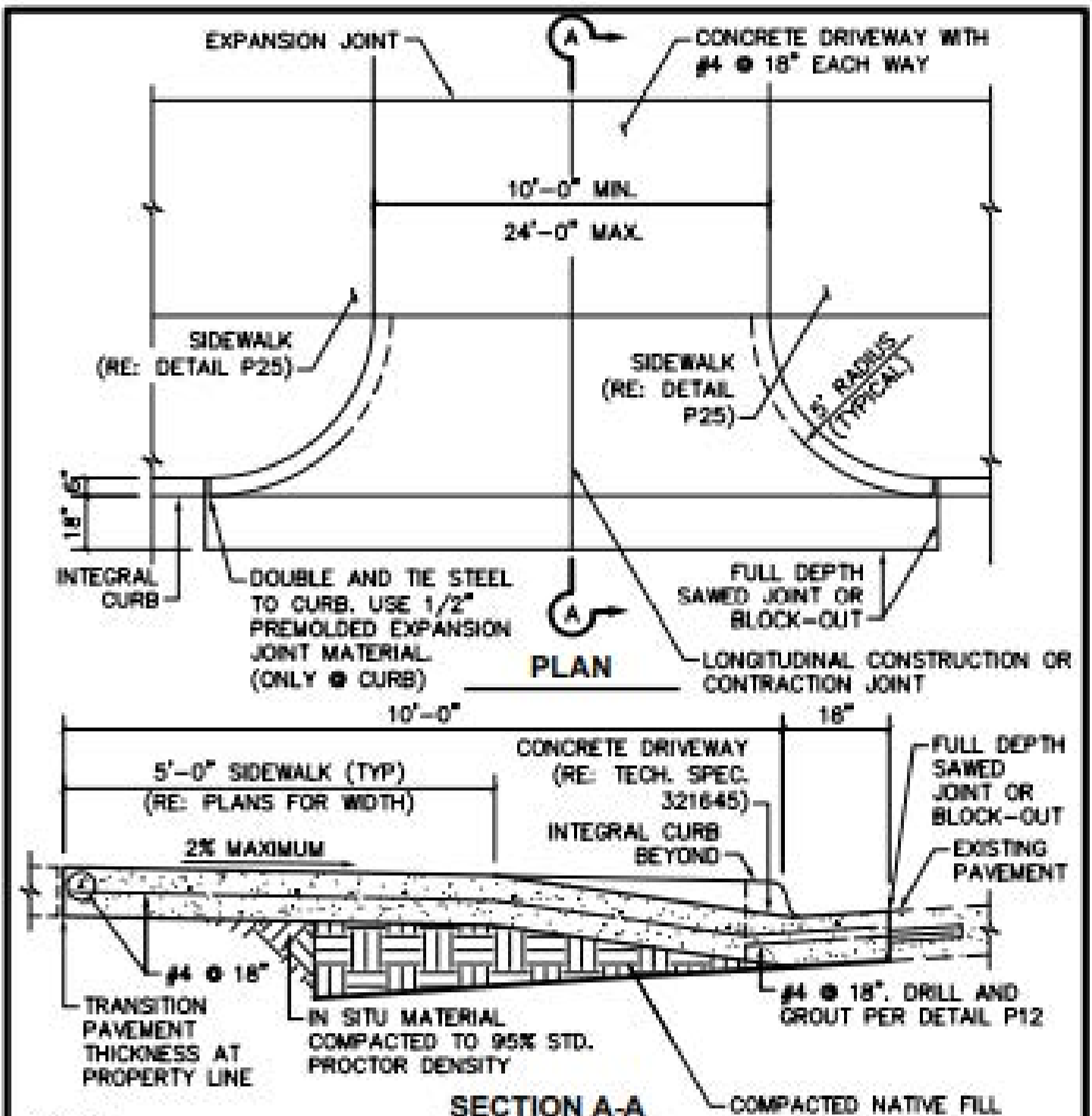


FIGURE 2.22: Driveway Spacing on Opposite Sides of an Undivided Street



NOTES:

1. REFER TO TECHNICAL SPECIFICATION 321313 FOR CONCRETE PAVEMENT. CONCRETE SHALL BE CLASS A (3,000 PSI).
2. SIDEWALK SECTION THROUGH DRIVEWAY SHALL BE POURED SAME THICKNESS AS DRIVEWAY APPROACH (EXISTING SIDEWALK, IF ANY, SHALL BE REMOVED).
3. DRIVEWAY THICKNESS TO MATCH STREET PAVEMENT THICKNESS (6" MINIMUM).
4. DRIVEWAYS CONSTRUCTED ON PRIVATE PROPERTY SHALL TAPER AT 1:1 RATIO TO INTERSECT AT PROPERTY LINE NO GREATER THAN 24' WIDTH.



**STANDARD CONSTRUCTION DETAIL
RESIDENTIAL DRIVEWAY APPROACH
WITH VERTICAL SAWCUT**

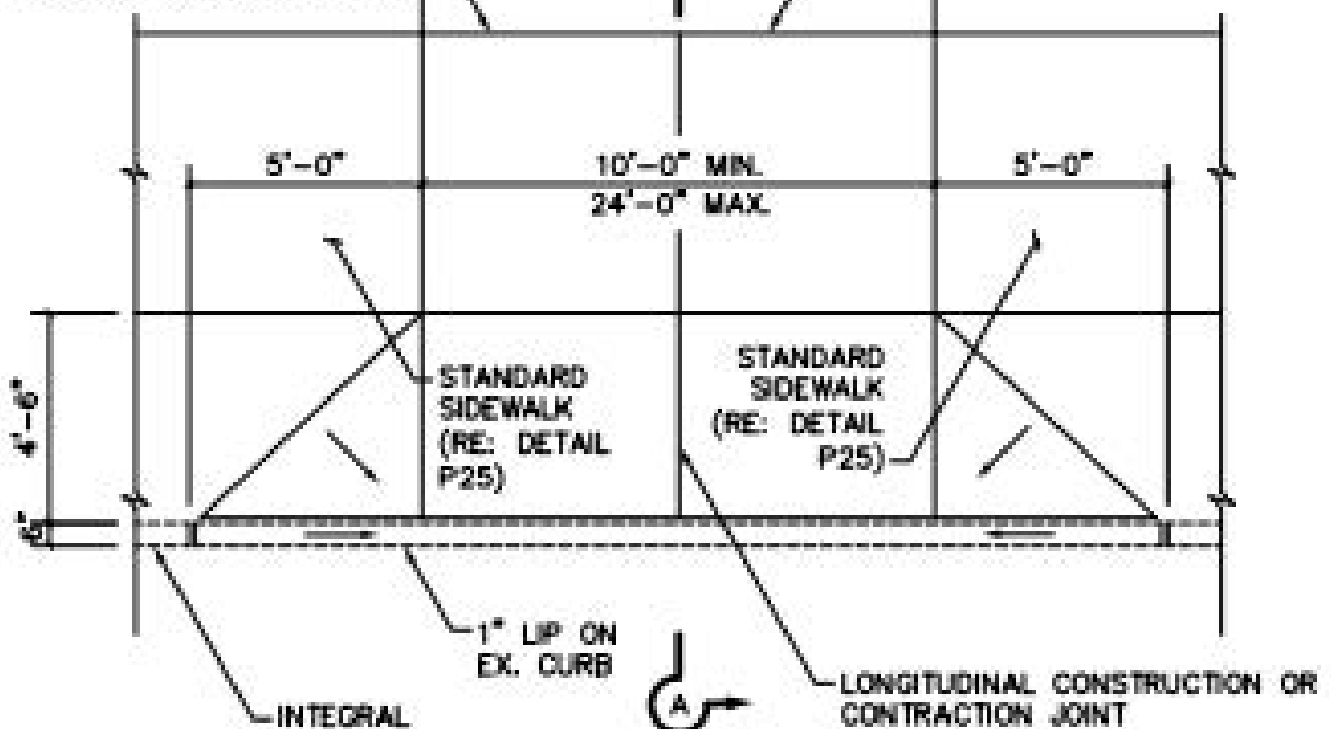
SCALE: AS MARKED

REVISED: MARCH 2020

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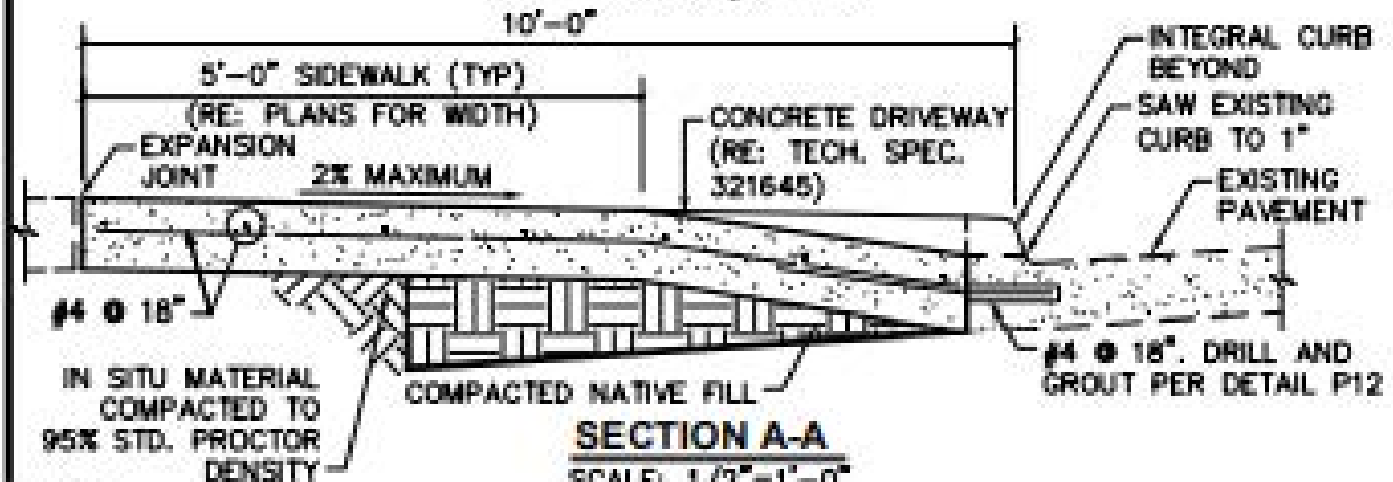
PROVIDE EXPANSION JOINT ONLY IF CONNECTING TO EXISTING CONCRETE DRIVE

CONCRETE DRIVEWAY WITH #4 @ 18" EACH WAY



PLAN

SCALE: 1/4" = 1'-0"



SECTION A-A

SCALE: 1/2" = 1'-0"

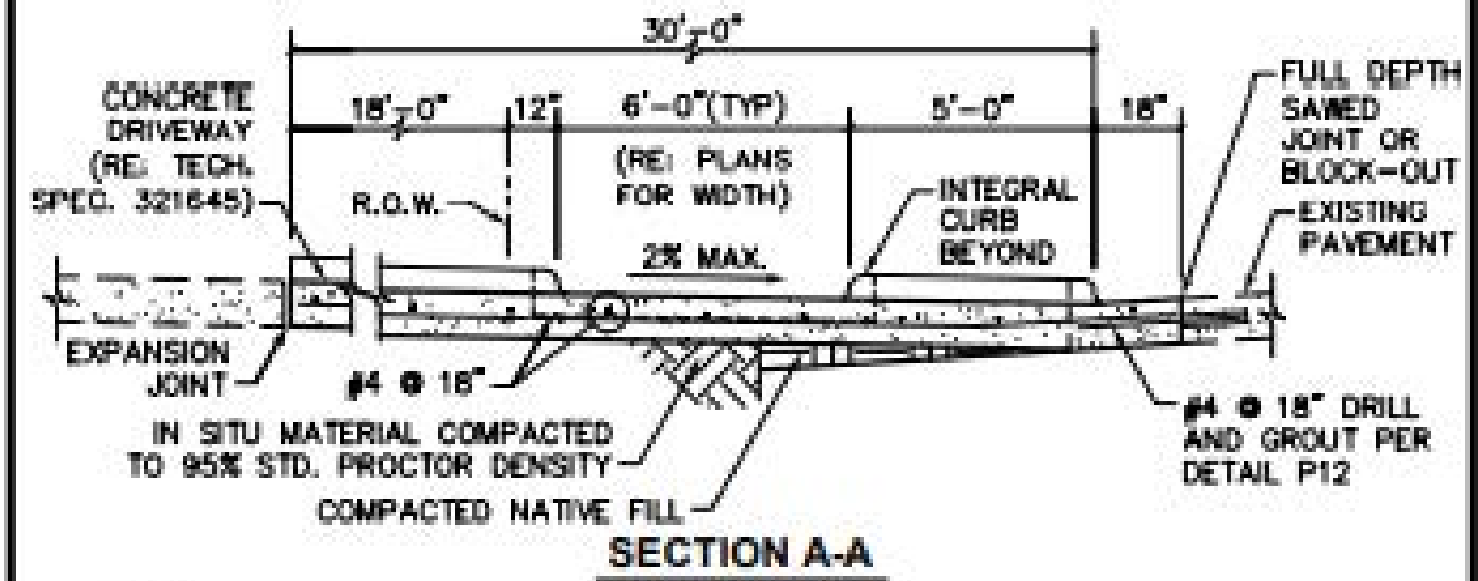
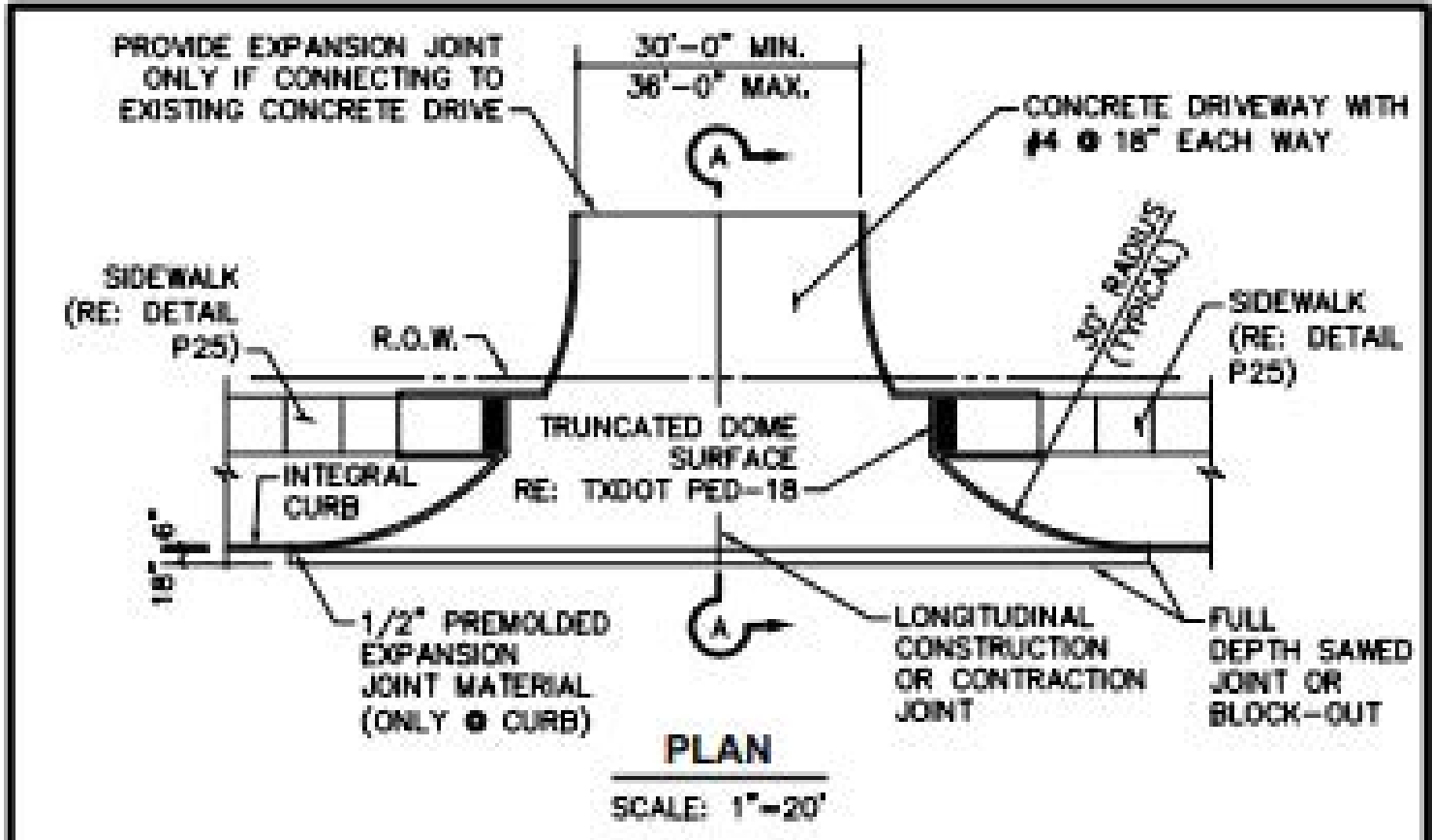
NOTES:

1. REFER TO TECHNICAL SPECIFICATION 321313 FOR CONCRETE PAVEMENT. CONCRETE SHALL BE CLASS A (3,000 PSI).
2. SIDEWALK SECTION THROUGH DRIVEWAY SHALL BE POURED SAME THICKNESS AS DRIVEWAY APPROACH (EXISTING SIDEWALK, IF ANY, SHALL BE REMOVED).
3. DRIVEWAY THICKNESS TO MATCH STREET PAVEMENT THICKNESS (6" MINIMUM).
4. DRIVEWAYS CONSTRUCTED ON PRIVATE PROPERTY SHALL TAPER AT A 1:1 RATIO TO INTERSECT APPROACH AT SIDEWALK NO GREATER THAN 24' WIDTH.



STANDARD CONSTRUCTION DETAIL
RESIDENTIAL DRIVEWAY APPROACH
WITH HORIZONTAL SAWCUT

SCALE: AS MARKED
REVISED: MARCH
2000
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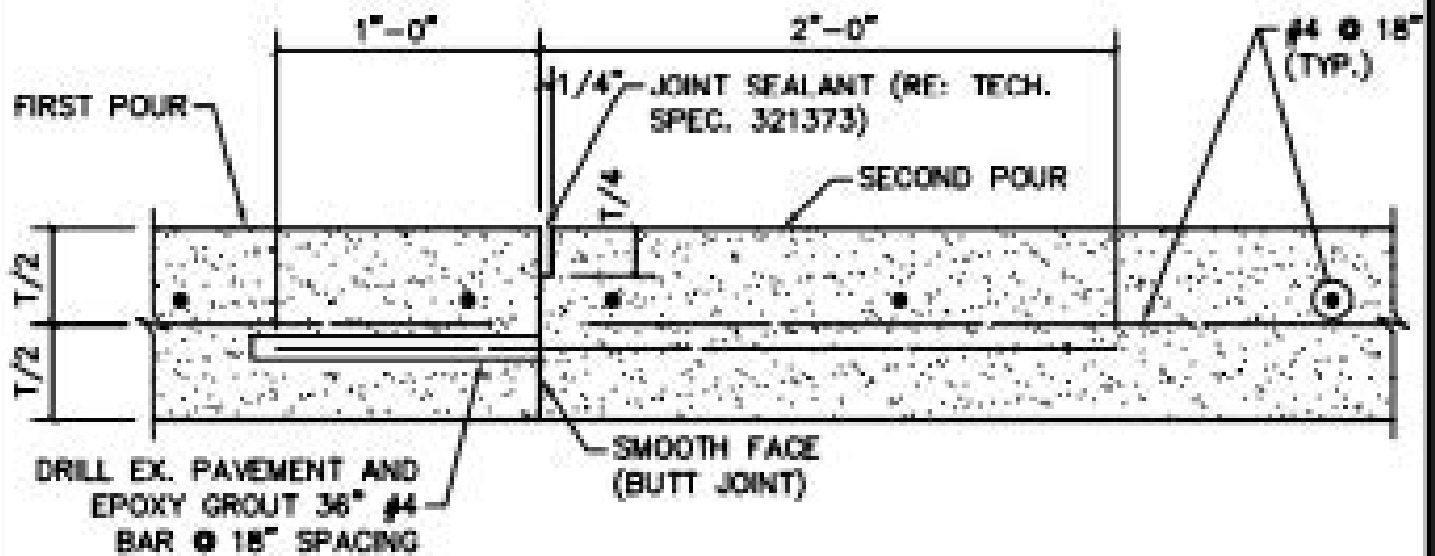


- NOTES:
1. REFER TO TECHNICAL SPECIFICATION 321313 FOR CONCRETE PAVEMENT. CONCRETE SHALL BE CLASS A (3,000 PSI).
 2. EXISTING CURB AND GUTTER SHALL BE VERTICALLY SAWCUT. HORIZONTAL SAWCUTTING OF CURB NOT ALLOWED.
 3. SIDEWALK SECTION THROUGH DRIVEWAY SHALL BE POURED SAME THICKNESS AS DRIVEWAY APPROACH (EXISTING SIDEWALK, IF ANY, SHALL BE REMOVED).
 4. DRIVEWAY THICKNESS TO MATCH STREET PAVEMENT THICKNESS (6" MINIMUM).



STANDARD CONSTRUCTION DETAIL
COMMERCIAL **DRIVEWAY** APPROACH

SCALE: AS MARKED
REVISED: MARCH 2020
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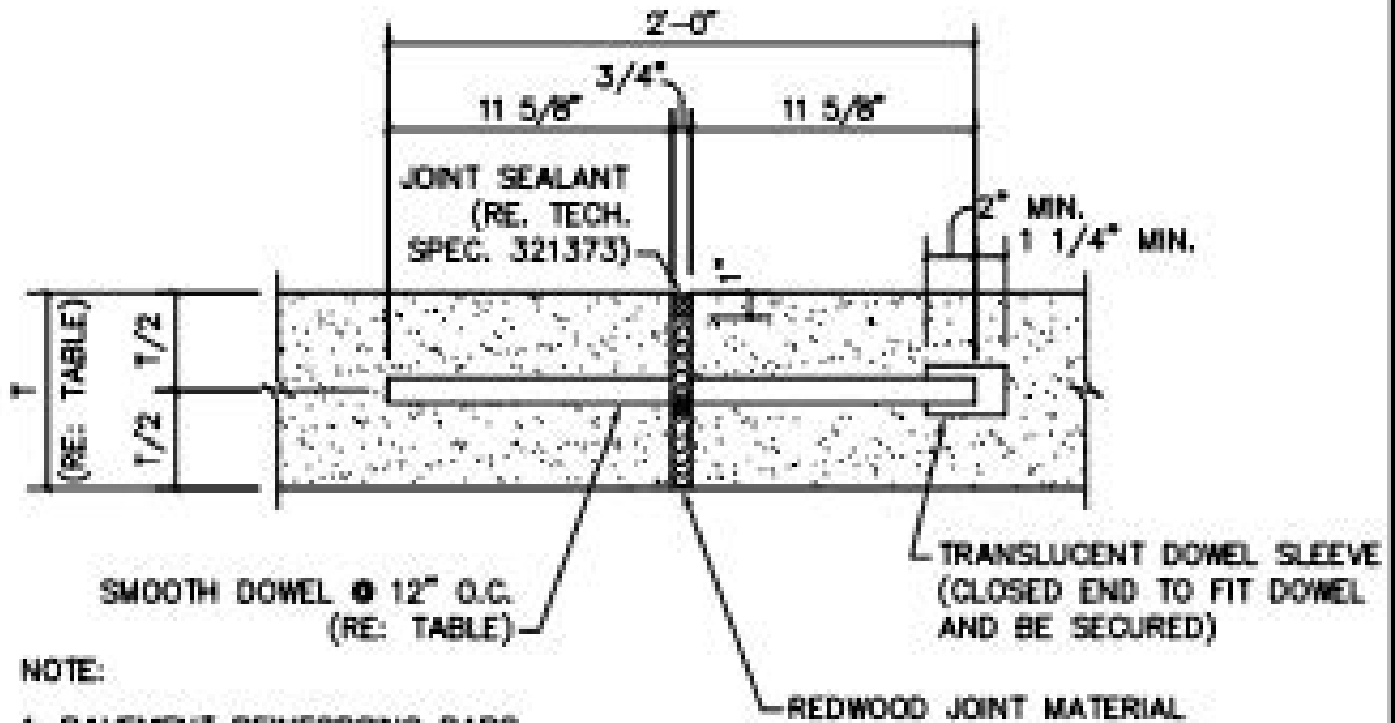
NOTES:

1. REFER TO TECHNICAL SPECIFICATION 321.31.3 FOR CONCRETE PAVEMENT. CONCRETE SHALL BE CLASS P1 (4,000 PSI) FOR MACHINE POURS AND CLASS P2 (4,500 PSI) FOR HAND POURS.
2. DOWELS MUST BE INSTALLED IN THE PAVEMENT PARALLEL TO THE PAVEMENT SURFACE.
3. DOWELS IN TRANSVERSE JOINTS MUST BE INSTALLED IN THE PAVEMENT PARALLEL TO THE PAVEMENT CENTERLINE.
4. DOWELS IN LONGITUDINAL JOINTS MUST BE INSTALLED IN THE PAVEMENT NORMAL TO THE PAVEMENT CENTERLINE.



**STANDARD CONSTRUCTION DETAIL
CONCRETE PAVEMENT
CONSTRUCTION JOINT**

SCALE: 1 1/2" = 1'-0"
REVISED: MARCH
2020
P12



NOTE:

1. PAVEMENT REINFORCING BARS NOT SHOWN FOR CLARITY.

TABLE			
STREET CLASS	T (IN.)	DOWEL SIZE (IN.)	DOWEL LENGTH (L) (IN.)
A	9	1.0	24
B	8	1.0	24
C	7	0.75	24
D	6	0.75	24
E	6	0.75	24
F	6	0.75	24
G	6	0.75	24

NOTES:

1. REFER TO TECHNICAL SPECIFICATION 321313 FOR CONCRETE PAVEMENT. CONCRETE SHALL BE CLASS P1 (4,000 PSI) FOR MACHINE POURS AND CLASS P2 (4,500 PSI) FOR HAND POURS.
2. CAPPED AND UNCAPPED ENDS SHALL ALTERNATE.
3. DOWEL SUPPORT MATERIALS AND LAYOUT SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS AND CONSTRUCTION.
4. CAPPED END OF THE DOWEL SHALL BE LUBRICATED.
5. DOWELS MUST BE INSTALLED IN THE PAVEMENT PARALLEL TO THE PAVEMENT SURFACE AND TO THE CENTERLINE.



**STANDARD CONSTRUCTION DETAIL
CONCRETE PAVEMENT
EXPANSION JOINT**

SCALE: 1 1/2"=1'-0"
REVISED: MARCH
2000
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TX-DOT Permit (I-35 Frontage Road)

- Commercial TX-DOT (3 sets of engineered drawings, traffic control plan, site plan)
- Residential TX-DOT (site plan, City of Lake Dallas Driveway/Culvert Construction Permit)

Each applicant must also provide the following:

- Traffic management
- Safety plan
- Erosion control plan

Site plans must show detailed and accurate measurements of all proposed drainage culverts and their locations, along with upstream and downstream flow for the entire length of the property.

Utility locations required. Please contact Lake Cities Municipal Utility Authority: 940-297-2999

Confirmation #: _____

Construction Hours: 7am-6pm Sunday-Saturday. Violating these hours will result in a citation.

Signature of applicant: _____

Date: _____

Office Use Only

Approved by: _____

Date approved: _____