

Use only when required. For more detail, Refer to P-7 Integral Curb detail.

18' R.O.W.  
12' Pavement Width  
2% Min. 4:1 Max.  
3" Invert  
6" Lime Stabilized Subgrade. Use Type "A" Hydrated Lime at 33lbs/SY Application Rate or 6" Recycled Concrete Flexible Base (Per TxDOT Item 247, Grade 1, Type D)  
Longitudinal and Transverse Bars to be #4 Bars at 18" O.C.E.W.

**TYPICAL 12' ALLEY SECTION**

MESQUITE TEXAS Real. Texas. Service.	Public Works	ALLEY PAVING	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-22

Notes:  
1. Flare should start at right-of-way, typical, but can be adjusted to accommodate min/max width requirement.

Expansion Joint  
Contraction Joint  
ROW Line  
Flare (1:1 Typ.)  
Taper Curb (0" to 6")  
Sidewalk  
Pavement Header  
Isolation Joint Thru Curb  
Width Varies (30' Min, 40' Max)  
Construction Joint

**PLAN VIEW**

Grade Break  
Sidewalk Width Per Plans: 2% Max  
Maximum 7% Slope  
#4 Bars at 18" OCEW  
Taper Curb  
8" Concrete Paving  
Reference Pavement Header For Connection to Exist Pavement Details

**SECTION A-A'**

6" Lime Stabilized Subgrade. Use Type "A" Hydrated Lime at 33lbs/SY Application Rate or 6" Recycled Concrete Flexible Base (Per TxDOT Item 247, Grade 1, Type D)

MESQUITE TEXAS Real. Texas. Service.	Public Works	ALLEY/STREET INTERSECTION OFFSET SIDEWALK	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-23

Notes:  
1. Flare should start at right-of-way, typical, but can be adjusted to accommodate min/max width requirement.

Expansion Joint  
Contraction Joint  
R.O.W. Line  
Flare (1:1 Typ.)  
Ramp Sidewalk (Max 8.3%)  
Sidewalk  
Isolation Joint Thru Curb  
Pavement Header  
Width Varies (30' Min, 40' Max)  
Construction Joint  
Taper Curb (0" to 6") 6" in Length

**PLAN VIEW**

Contraction Joint @ Grade Break  
Maximum 7% Slope  
#4 Bars at 18" OCEW  
Sidewalk Width Per Plans: 2% Max  
Back of Curb Maintain Gutter Flowline  
8" Concrete Paving  
Reference Pavement Header For Connection to Exist Pavement Details

**SECTION A-A'**

6" Lime Stabilized Subgrade. Use Type "A" Hydrated Lime at 33lbs/SY Application Rate or 6" Recycled Concrete Flexible Base (Per TxDOT Item 247, Grade 1, Type D)

MESQUITE TEXAS Real. Texas. Service.	Public Works	ALLEY/STREET INTERSECTION ADJACENT SIDEWALK	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-24

Utility Pole  
18' Typical ROW Width  
ROW or Property Line  
Communication Provider Facility  
3'  
2' Min  
1'6" Clear  
2' Max.  
Communication Cable (Primary or Secondary)  
Electrical Cable Telephone Cable  
1'  
1'6"  
Gas Lines as Installed by Franchise entity. House Service Laterals to be Installed 1'-0" Beyond ROW or Property Line

NOTES:  
1. All franchised utilities are to have a Minimum Burial Depth of 24" below bottom of Paving, as required by state and federal codes and standards.

MESQUITE TEXAS Real. Texas. Service.	Public Works	ALLEY UTILITY LOCATION	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-25

DRIVEWAY NOTES:  
1. On residential driveways, in lieu of 18" blockout into street, contractor may horizontally sawcut curb. On commercial driveways, use full-depth sawcut 18" from face of curb.  
2. For driveway width and curb radii, refer to Chapter 15 Streets and Sidewalk City Code.  
3. The flare or radius cannot extend past the extension of the adjoining property line.  
4. Sidewalk ramps adjacent to commercial driveways must be compliant as per Texas Accessibility Standards (TAS) & Draft Proposed Right-of-Way Accessibility Guidelines (PROWAG). As per PROWAG R208.1, where commercial driveways are provided with yield or stop control, detectable warning surfaces should be provided at the junction between the sidewalk and street.  
5. Expansion Joints are required at the Right-Of-Way/Property Line, when connecting to existing concrete driveways and at grade breaks on driveway approaches.  
6. Sidewalk through a driveway is to be built to maintain constant cross-slope across the length of the driveway.  
7. The installation of pre-cast concrete paving blocks may be used on driveway approaches as an alternative to the placement of Portland cement concrete and must comply with the same width and thickness specifications required for Portland cement concrete driveway approaches.  
8. Where driveway connections are made to public streets with curbs and gutters; such curb and gutter shall be removed to the nearest construction joint. Design of such connections are to be submitted to the City prior construction.

Grade Break  
Sidewalk 5' Min Width 2% Max Cross Slope  
Taper Curb  
Match street thickness or 8" min.  
Grade Break  
See Note #2  
SIDEWALK OFFSET FROM CURB

Grade Break  
Sidewalk 5' Min Width 2% Max Cross Slope  
1" Lip  
Match street thickness or 8" min.  
Grade Break  
See Note #2  
SIDEWALK ADJACENT TO CURB

	Residential	Commercial	Industrial
Concrete Thickness (Minimum)	6"	8" Min.	12"
Reinforcing (Minimum)		#4 @ 18" OCEW	
Max Slope Connecting to Street	10%	7%	7%
Max Slope Connecting to Alley	14%	11%	11%
Flare/Radius	5' Min.	By Ordinance	By Ordinance

**DRIVEWAY PARAMETERS**

MESQUITE TEXAS Real. Texas. Service.	Public Works	DRIVEWAY	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-26

Expansion Joint  
ROW or Property Line  
A\*  
Driveway Width (Varies)  
Contraction Joint  
Max 8.3%  
Max 2%  
18"  
Taper Curb over 6"  
Expansion Joints  
Sawcut  
Face of Curb  
Use Curb Ear/Expansion Joint

**WITH ADJACENT SIDEWALK**

Expansion Joint  
ROW or Property Line  
1' typ.  
A\*  
Driveway Width (Varies)  
Max 8.3%  
Max 2%  
18"  
Taper Curb  
Sawcut  
Face of Curb  
Contraction Joint  
Use Curb Ear/Expansion Joint

**WITH NON-ADJACENT SIDEWALK**

\* Refer to P-26, Driveway Parameters Table

MESQUITE TEXAS Real. Texas. Service.	Public Works	DRIVEWAY FLARED	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-27

Continue Curb when Applicable  
Radius\*  
Driveway Width (Varies)  
ROW or Property Line  
Max 8.3%  
Max 2%  
18"  
Taper Curb over 6"  
Expansion Joint  
Sawcut  
Face of Curb  
Use Curb Ear/Expansion Joint

**WITH ADJACENT SIDEWALK**

Expansion Joint  
Continue Curb when applicable  
ROW or Property Line  
1' Typ.  
A\*  
Driveway Width (Varies)  
Max 8.3%  
Max 2%  
18"  
Taper Curb  
Sawcut  
Face of Curb  
Use Curb Ear/Expansion Joint

**WITH NON-ADJACENT SIDEWALK**

\* Refer to P-26, Driveway Parameters Table

MESQUITE TEXAS Real. Texas. Service.	Public Works	DRIVEWAY RADIAL	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-28

Driveway Width (Varies)  
ROW or Property Line  
Expansion Joint  
A\*  
Alley Paving  
Alley Construction Joint

\* Refer to P-26, Driveway Parameters Table

MESQUITE TEXAS Real. Texas. Service.	Public Works	DRIVEWAY RESIDENTIAL IN ALLEY	GENERAL DESIGN STANDARDS STANDARD DETAILS	
			SCALE: N.T.S. REVISION DATE: 05/20/2019	SHEET: P-29