

GENERAL NOTES FOR PEDESTRIAN FACILITIES

1. ALL SLOPES ARE MAXIMUM ALLOWABLE. THE LEAST POSSIBLE SLOPE THAT WILL STILL DRAIN PROPERLY SHOULD BE USED. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS AS DIRECTED.
2. LANDINGS SHALL BE 5'x5' MINIMUM WITH A MAXIMUM 2% SLOPE IN ANY DIRECTION. MANEUVERING SPACE AT THE BOTTOM OF CURB RAMP SHALL BE A MINIMUM OF 4'x4' WHOLLY CONTAINED WITHIN THE CROSSWALK AND WHOLLY OUTSIDE THE PARALLEL VEHICULAR TRAVEL PATH.
3. MAXIMUM ALLOWABLE CROSS SLOPE ON SIDEWALK AND CURB RAMP SURFACES IS 2% CURB RAMP WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. EITHER BECAUSE THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR BECAUSE THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED. OTHERWISE, PROVIDE FLARED SIDES.
4. ADDITIONAL INFORMATION ON CURB RAMP LOCATION, DESIGN, LIGHT REFLECTIVE VALUE AND TEXTURE MAY BE FOUND IN THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS) AND 16 TAC §68.102.
5. CURB RAMP SHALL BE ALIGNED WITH THEORETICAL CROSSWALKS, OR AS DIRECTED BY THE TOWN ENGINEER.
6. HANDRAILS ARE NOT REQUIRED ON CURB RAMP. PROVIDE CURB RAMP WHEREVER ON ACCESSIBLE ROUTE CROSSES (PENETRATES) A CURB.
7. FLARE SLOPE SHALL NOT EXCEED 10% MEASURED ALONG CURB LINE.
8. BARRIER FREE RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS).
9. ALL BARRIER FREE RAMP MUST PASS AN INDEPENDENT INSPECTION. A LETTER OF COMPLIANCE ACCEPTANCE IS REQUIRED PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON.
10. STREETS ON STEEP GRADE WILL REQUIRE LONGER TRANSITION ON UPGRADE SIDE.
11. MAXIMUM SLOPE ON RAMP PORTION SHALL NOT EXCEED 1" PER FOOT AT ANY LOCATION. VERTICAL DISTANCE BETWEEN STREET AND RAMP SHALL NOT EXCEED 1/4".
12. CONTRACTOR TO COMPLY WITH PROWAG STANDARD DESIGN REQUIREMENTS DATED JULY 26, 2011 OR MOST CURRENT.

GENERAL NOTES FOR DETECTABLE WARNINGS

1. CURB RAMP MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSIST OF RAISED TRUNCATED DOMES COMPLYING WITH SECTION 4.23 OF THE TEXAS ACCESSIBILITY STANDARDS (TAS). THE SURFACE MUST CONTRAST VISUALLY WITH THE ADJOINING SURFACES, INCLUDING SIDE FLARES. FURNISH DARK RED COLORED DETECTABLE WARNING SURFACE ADJACENT TO UNCOLORED CONCRETE AND DREAM COLORED DETECTABLE WARNING SURFACE ADJACENT TO DARK RED COLORED BRICK PAVERS.
2. DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
3. ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
4. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
5. DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM OF 6" AND A MAXIMUM OF 8" FROM THE EXTENSION OF THE FACE OF CURB AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.

GENERAL NOTES FOR DETECTABLE WARNING PAVER UNITS

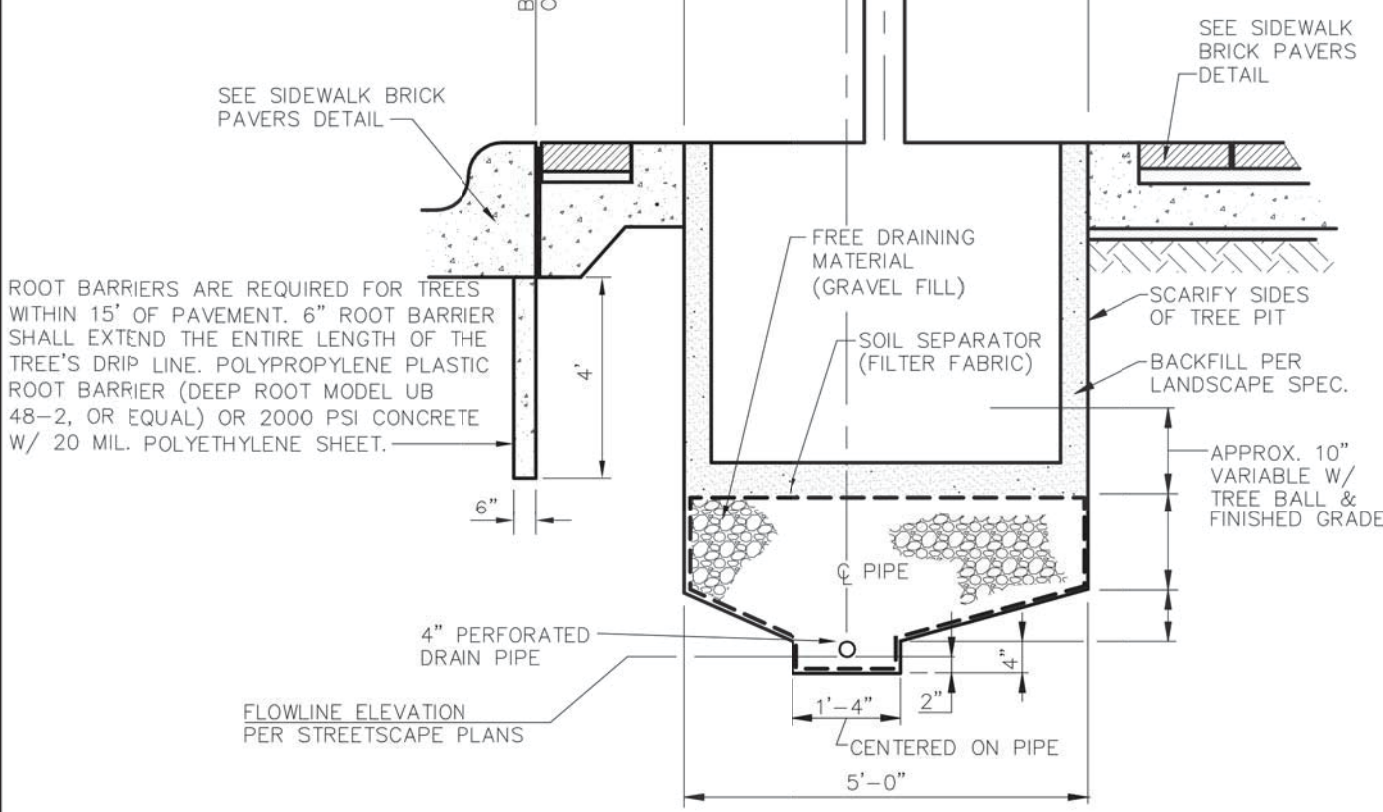
1. DETECTABLE WARNING PAVER UNITS SHALL MEET OR EXCEED ALL REQUIREMENTS OF ASTM C-936, C-33, AND BE LAID IN A TWO BY TWO UNIT BASKET WEAVE PATTERN OR AS DIRECTED.
2. LAY FULL-SIZE UNITS FIRST FOLLOWED BY CLOSURE UNITS CONSISTING OF AT LEAST 25 PERCENT OF A FULL UNIT. CUT DETECTABLE WARNING PAVER UNITS USING A POWER SAW.



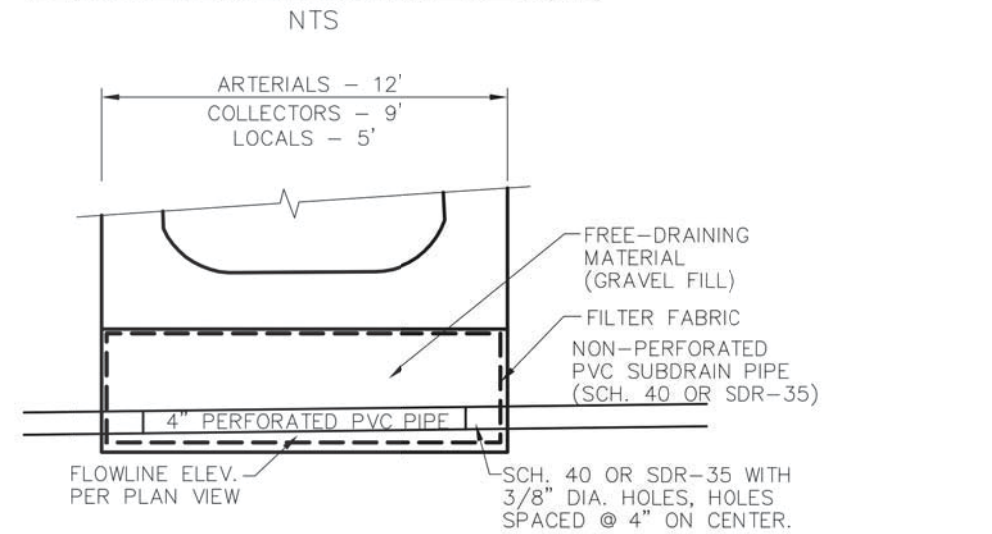
PEDESTRIAN FACILITIES
GENERAL NOTES

STANDARD CONSTRUCTION DETAILS PAVING	
DATE: AUGUST, 2010	SHEET: 30-P37

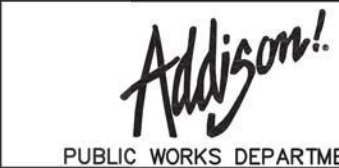
* DRAIN PIPE MAY BE OFFSET FURTHER FROM CENTER IF DESIRED. OFFSET IS TO AVOID CONFLICT WITH LIGHT POLE GROUNDING ROD WHEN TREES ARE IN LINE WITH LIGHTS.



SECTION PERPENDICULAR TO CURB
NTS



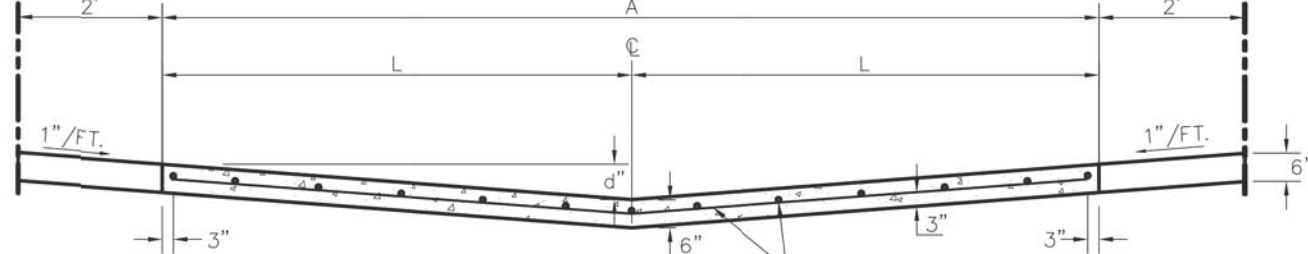
SECTION PARALLEL TO CURB
NTS



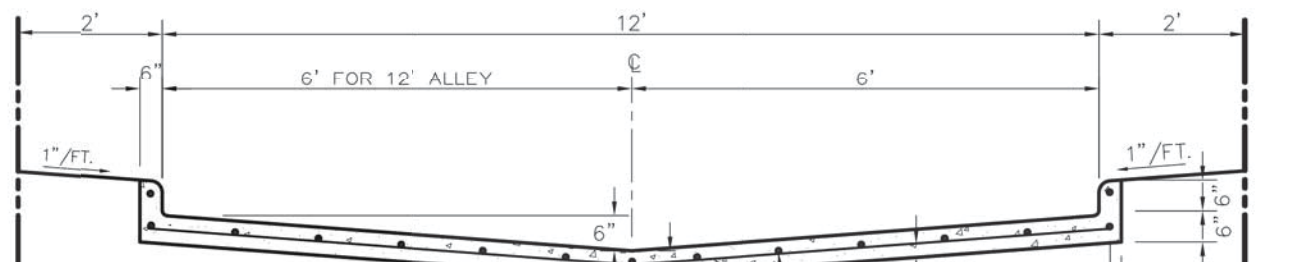
SUBSURFACE DRAIN SYSTEM

STANDARD CONSTRUCTION DETAILS PAVING	
DATE: AUGUST, 2010	SHEET: 30-P38

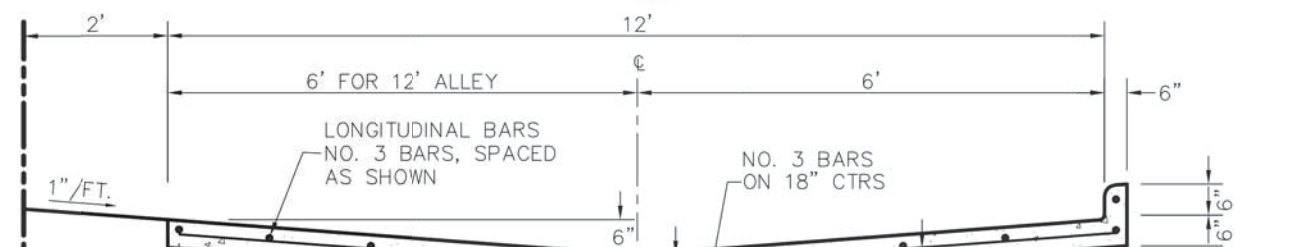
ALLEY WIDTH (A)	HALF SECTION WIDTH (L)	INVERT DEPTH (D)
12'	6'	4"
16'	8'	5"
20'	10'	6"



STANDARD 12', 16', & 20' ALLEY SECTION
NTS

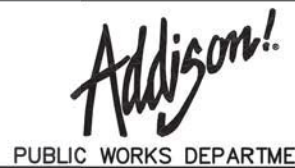


STANDARD ALLEY SECTION WITH CURB
NTS



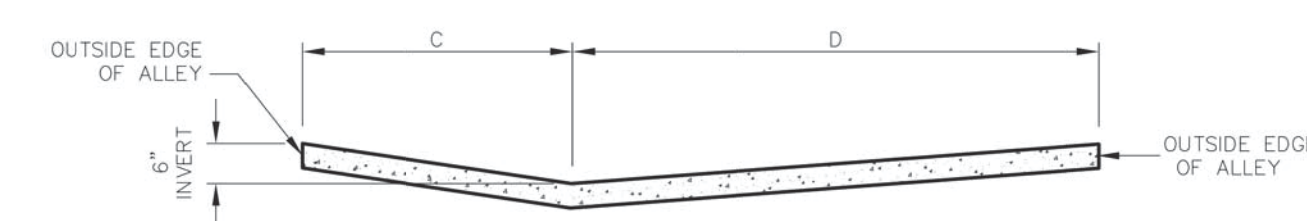
ALTERNATE 12' ALLEY SECTION WITH CURB
NTS

- NOTES:**
1. CURBS NOT ALLOWED IN RESIDENTIAL AREAS EXCEPT AS APPROVED BY THE PUBLIC WORKS DEPT.
 2. NO. 3 BAR CONTINUOUS IN CURB.
 3. ALL ALLEYS TO BE LINED IN ACCORDANCE WITH ITEM 3 ON THE PAVING GENERAL NOTES

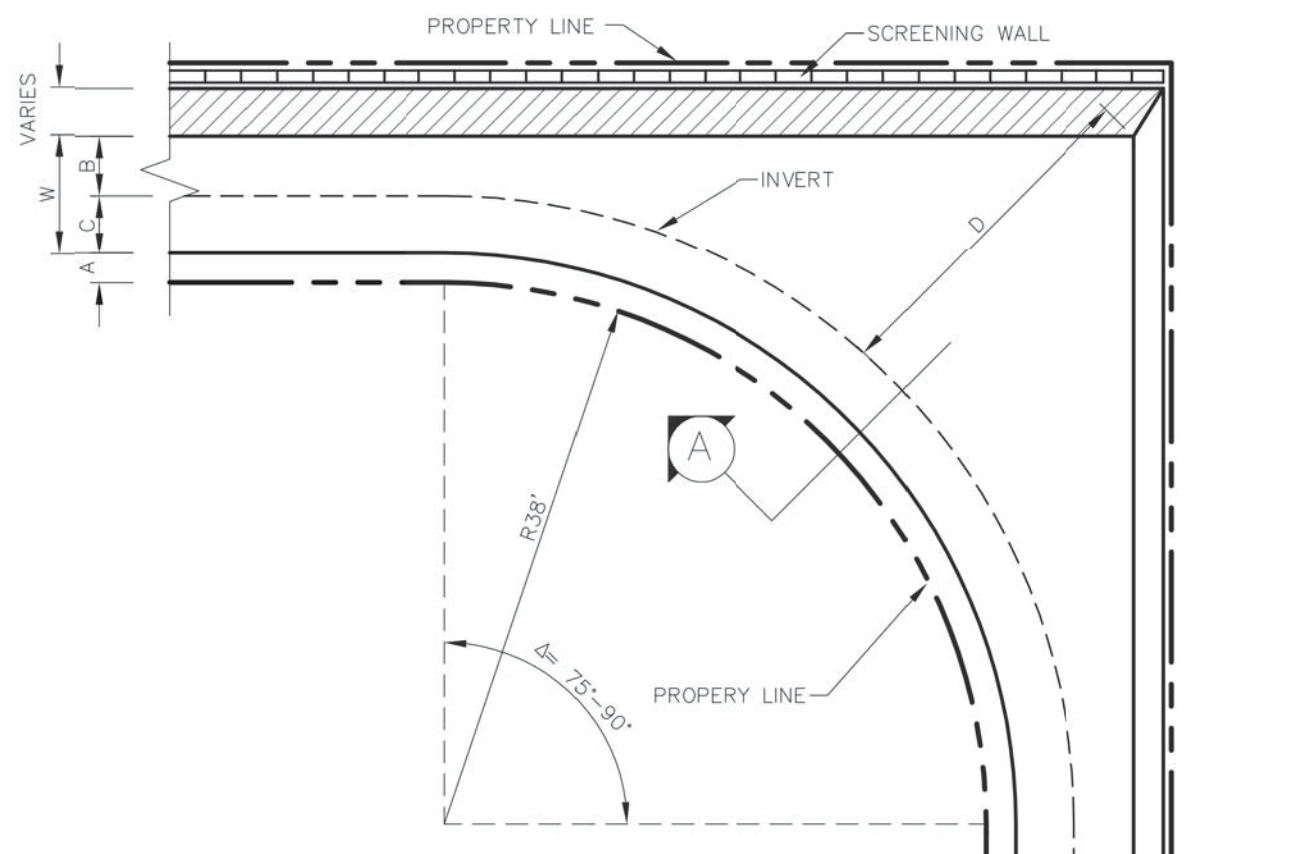


ALLEY SECTION

STANDARD CONSTRUCTION DETAILS PAVING	
DATE: AUGUST, 2010	SHEET: 30-P17



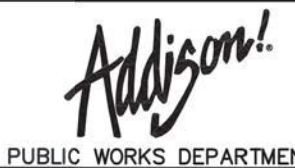
NOTE:
ALLEY PAVING TO BE PLACED IN SHADED AREA WHEN SCREENING WALL IS ALONG PROPERTY LINE.



TYPICAL

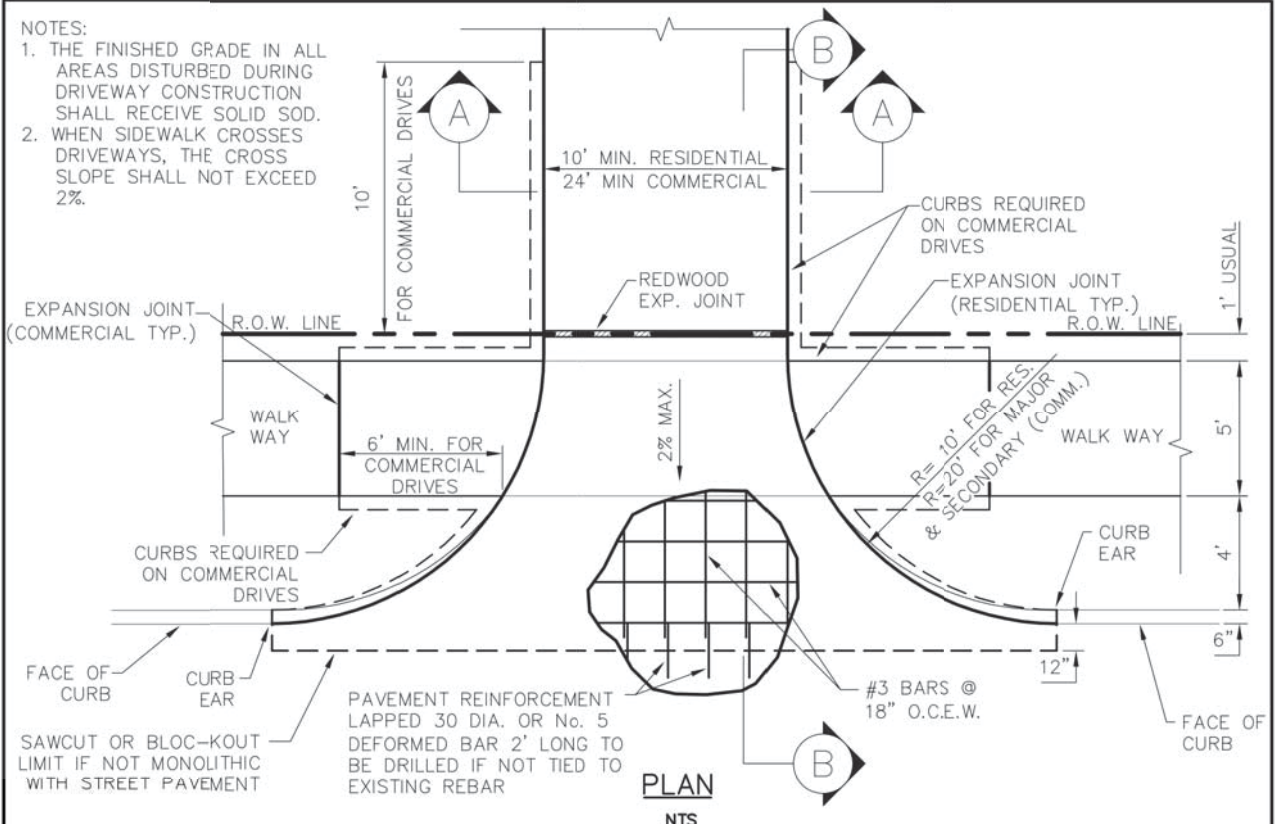
ALLEY WIDTH (W)	A	B	C	D @ 90°
12'	2.0'	6.0'	6.0'	28.0'
16'	2.0'	8.0'	8.0'	31.0'
20'	2.0'	10.0'	10.0'	35.0'

ALLEY TURN 75° OR GREATER
NTS

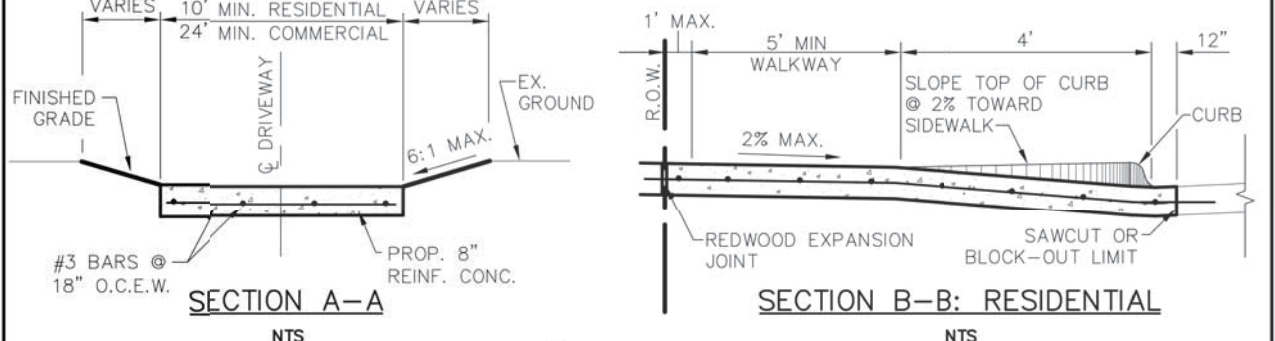


ALLEY TURN 75° OR GREATER

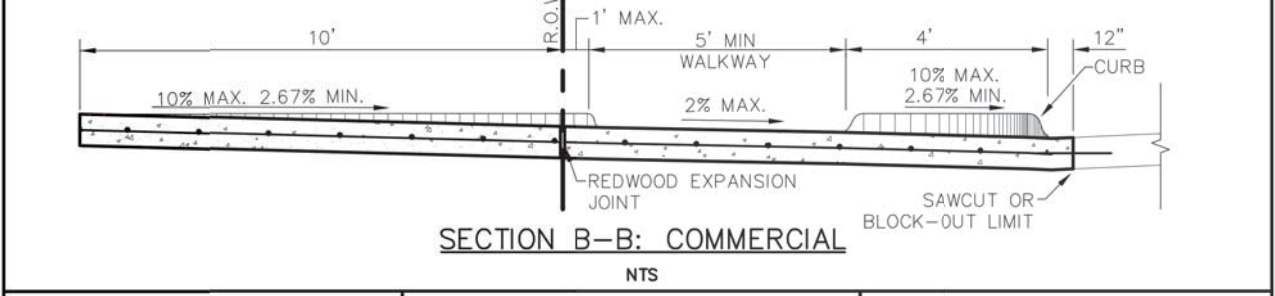
STANDARD CONSTRUCTION DETAILS PAVING	
DATE: AUGUST, 2010	SHEET: 30-P18



PLAN
NTS



SECTION A-A
NTS



SECTION B-B: RESIDENTIAL
NTS

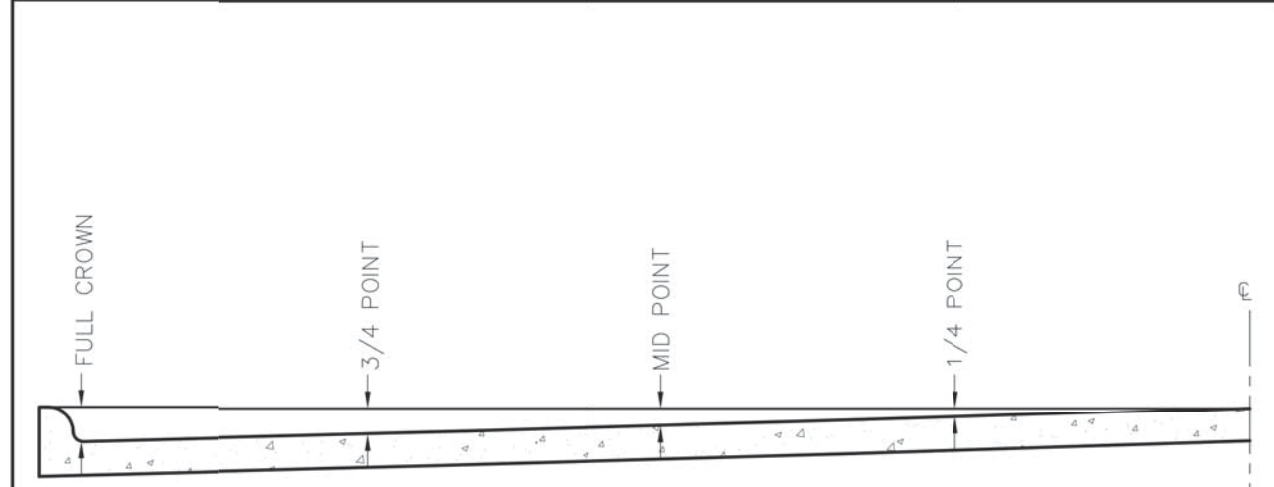


SECTION B-B: COMMERCIAL
NTS



DRIVEWAY RETURN DETAILS

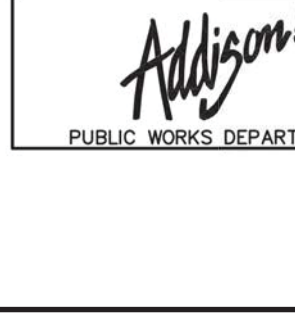
STANDARD CONSTRUCTION DETAILS PAVING	
DATE: AUGUST, 2010	SHEET: 30-P35



SLIP-FORM PAVEMENT MUST MEET CROWN GRADES AT GUTTERS, AT MID-POINTS AND CENTERLINE. WIDTHS OF PAVEMENT ARE FACE TO FACE.

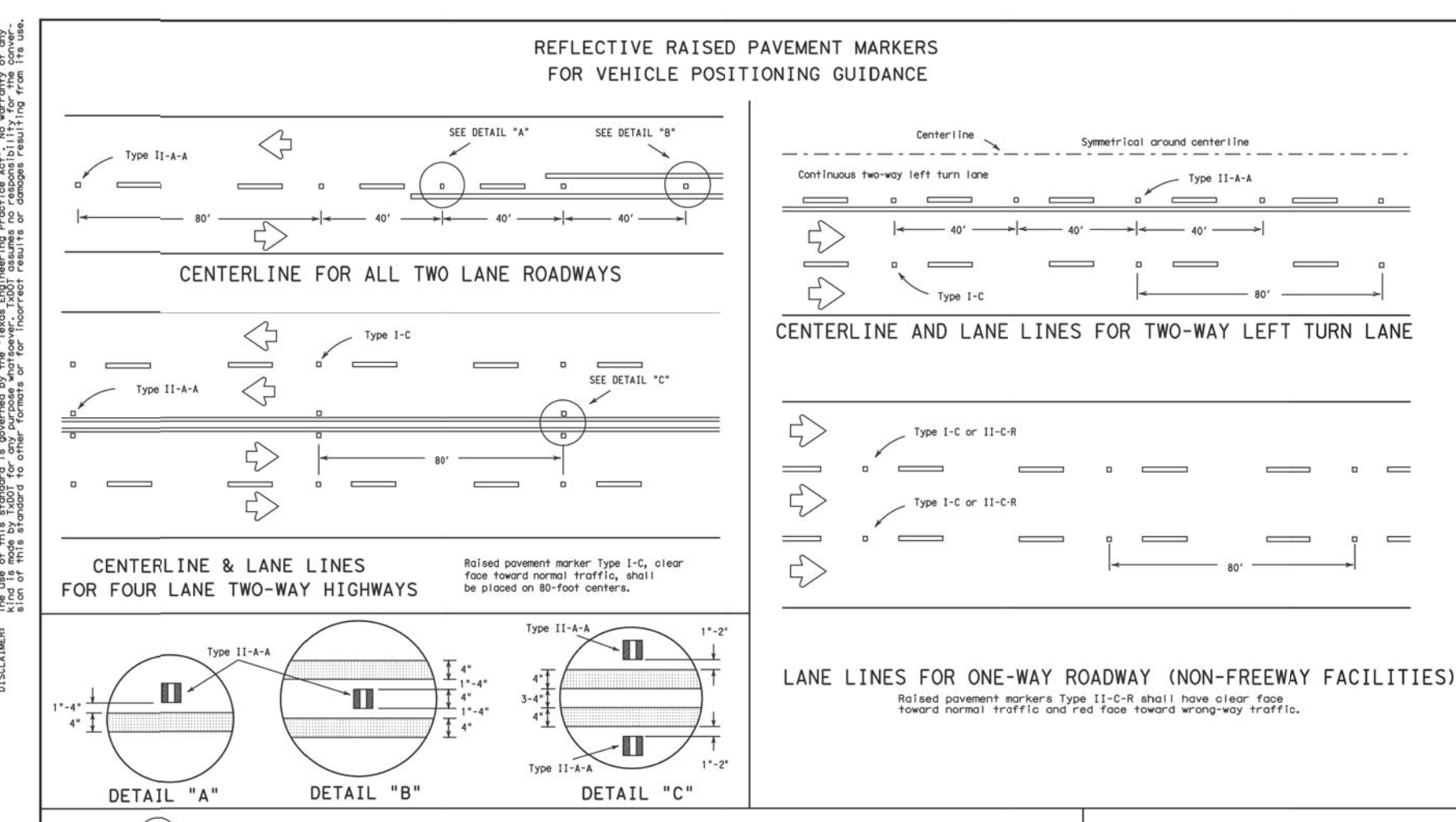
ROADWAY WIDTH (W)	TOTAL CROWN HEIGHT	3/4 POINT	MID-POINT	1/4 POINT
27'	4"	2-1/4"	1"	1/4"
36'	5"	2-7/8"	1-1/4"	3/8"
44'	6"	3-3/8"	1-1/2"	1/2"
48'	6"	3-3/8"	1-1/2"	1/2"

TABLE OF CROWN HEIGHTS AND ORDINATES FOR VARIOUS PARABOLIC SECTIONS
NTS

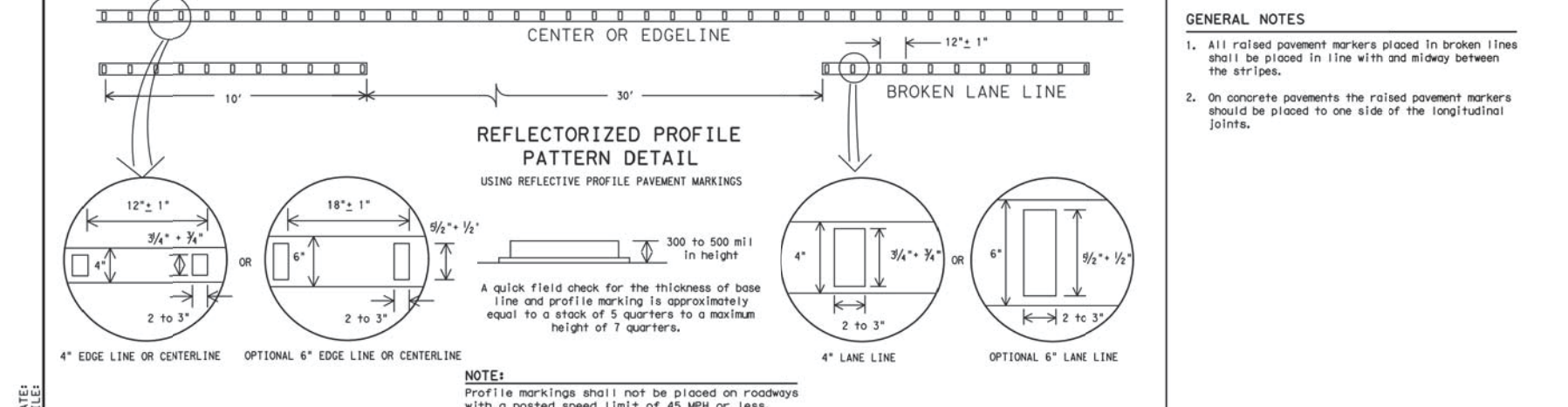


PARABOLIC PAVEMENT CROWN

STANDARD CONSTRUCTION DETAILS PAVING	
DATE: AUGUST, 2010	SHEET: 30-P33



REFLECTIVE RAISED PAVEMENT MARKERS FOR VEHICLE POSITIONING GUIDANCE



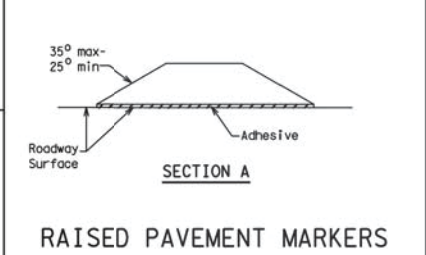
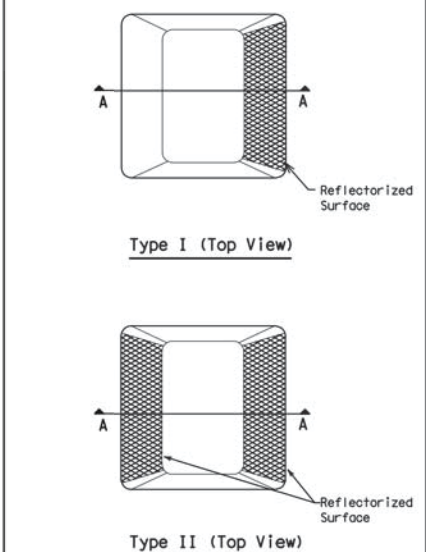
GENERAL NOTES

1. All raised pavement markers placed in broken lines shall be placed in line with and midway between the stripes.
2. On concrete pavements the raised pavement markers should be placed to one side of the longitudinal joints.

MATERIAL SPECIFICATIONS

PAVEMENT MARKERS: REFLECTORIZED	DWG-4200
EPoxy AND ADHESIVES	DWG-4100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DWG-4130
TRAFFIC PAINT	DWG-4200
NOT APPLIED THERMOPLASTIC	DWG-4200
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DWG-4240

All pavement marking materials shall meet the required (Department) Material Specification on specified by the plans.



RAISED PAVEMENT MARKERS

Texas Department of Transportation
Traffic Operations Division
POSITION GUIDANCE USING RAISED MARKERS REFLECTORIZED PROFILE MARKINGS
PM (2) -12

DATE	BY	CHKD	APP'D	SHEET NO.
10-02-00	1-10			
10-02-00	1-12			
10-02-00	1-13			
10-02-00	1-14			
10-02-00	1-15			
10-02-00	1-16			
10-02-00	1-17			
10-02-00	1-18			
10-02-00	1-19			
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10-02-00	1-21			
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10-02-00	1-23			
10-02-00	1-24			
10-02-00	1-25			
10-02-00	1-26			
10-02-00	1-27			
10-02-00	1-28			
10-02-00	1-29			
10-02-00	1-30			



SAWYER ENGINEERING, LLC
TBPE FIRM NUMBER F-9171

2017/12/19

TOWN OF ADDISON DALLAS COUNTY, TEXAS

IMPROVEMENT PLANS ADDISON GROVE

PAVING DETAILS

PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
	CDP	JDS	MAY 2017		15

SAWYER ENGINEERING, LLC
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