

SECTION 2-B PAVEMENT JOINTS

CITY OF SACHSE, TEXAS
DEPARTMENT OF ENGINEERING

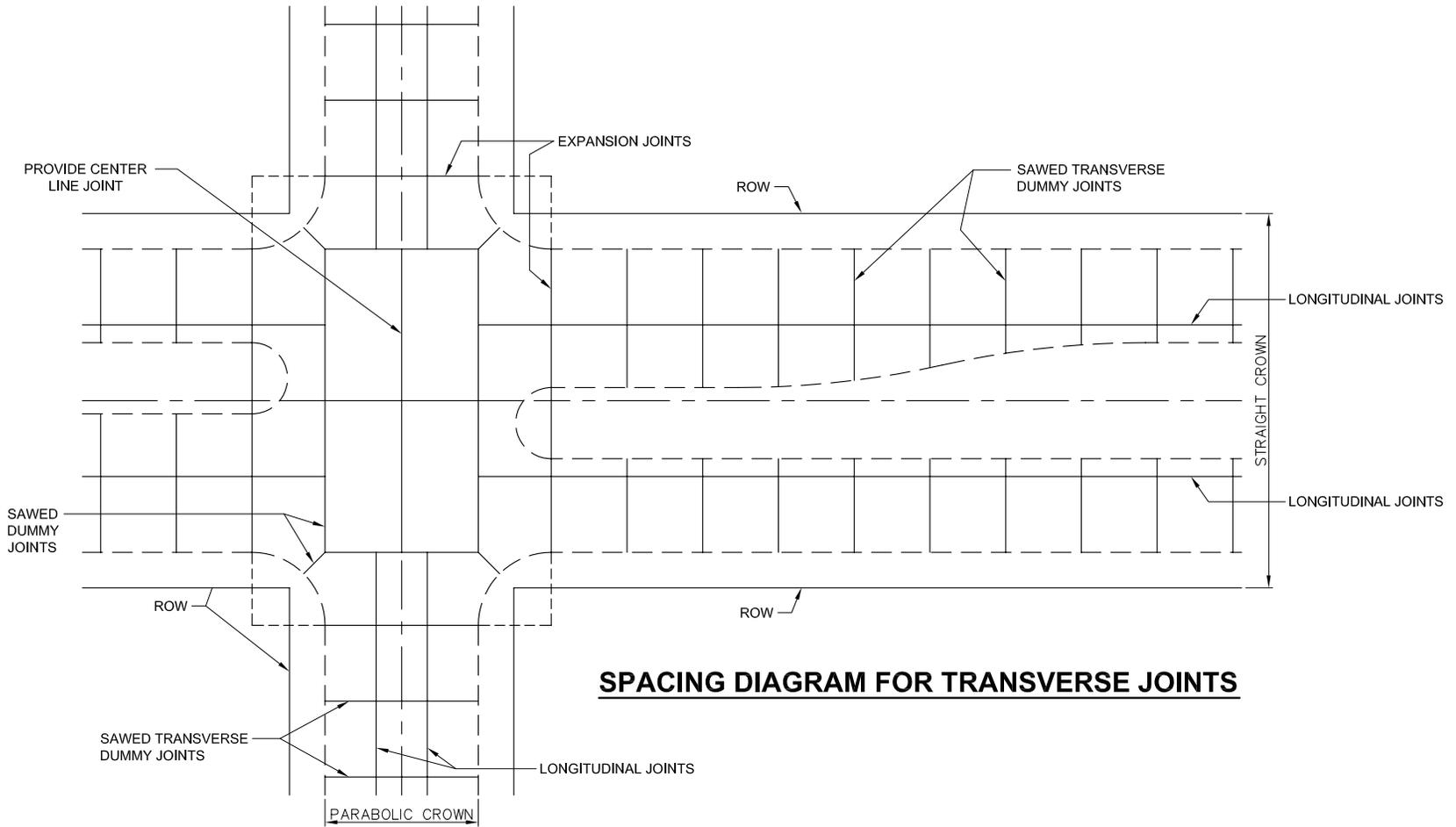
STANDARD CONSTRUCTION DETAILS
PAVING

PAVEMENT JOINTS

APPROVED:

DATE: SEPTEMBER 2013 | REVISED:

Page 1



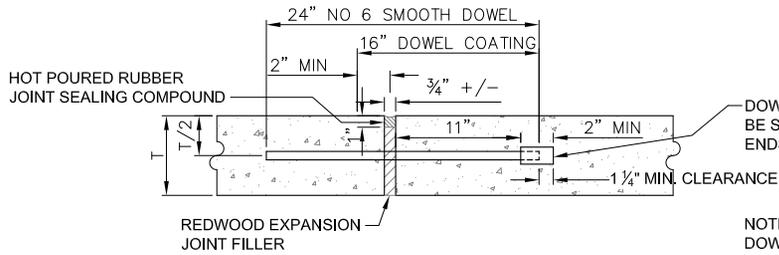
SPACING DIAGRAM FOR TRANSVERSE JOINTS

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

NOTE: CONTRACTOR WILL SAW CUT JOINTS AS SOON AS POSSIBLE (WITHIN 6 TO 8 HOURS MAX.) AFTER PLACEMENT OF PAVEMENT.

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 2

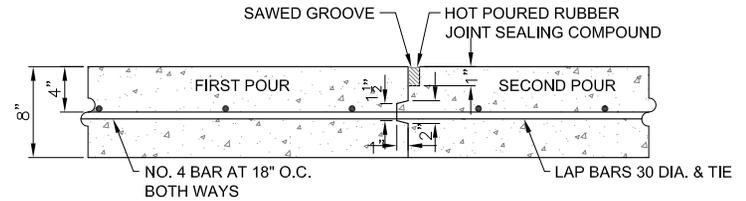


DOWEL SLEEVE (CLOSED END) TO FIT DOWEL AND BE SECURED. TO BE INSTALLED AT 2' O.C. DOWEL ENDS ARE TO BE SAW CUT AND FREE OF BURRS.

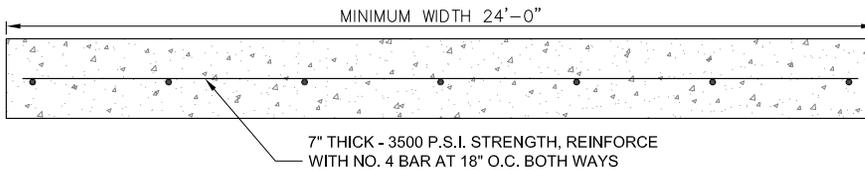
NOTE:
DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE AND SHALL BE LEVEL AND EVENLY SPACED.

TRANSVERSE EXPANSION JOINT

(SPACED 600 FT MAXIMUM - LOCATE AT INTERSECTIONS)

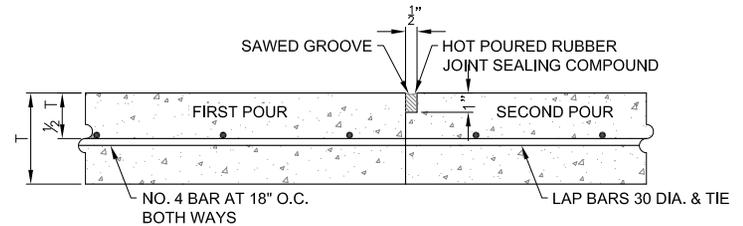


CONSTRUCTION JOINT FOR 8" PAVEMENT

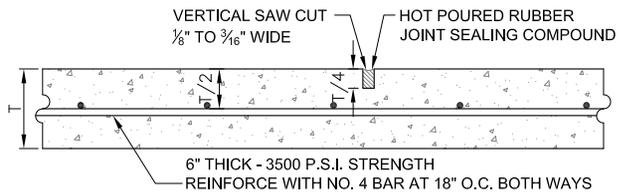


FIRE LANE PAVING & JOINT DETAIL

FOR USE WITHIN COMMERCIAL, INDUSTRIAL, OFFICE AND NON-PUBLIC MAINTENANCE FACILITIES

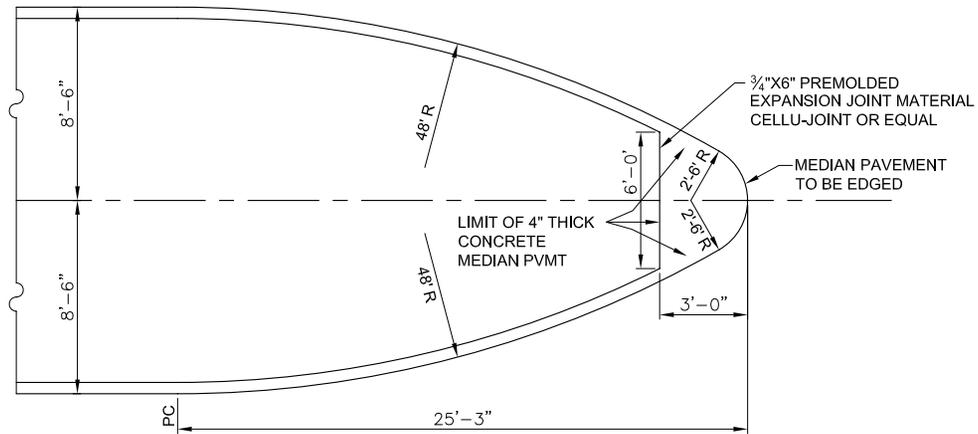


CONSTRUCTION JOINT FOR 5", 6" OR 7" PAVEMENT

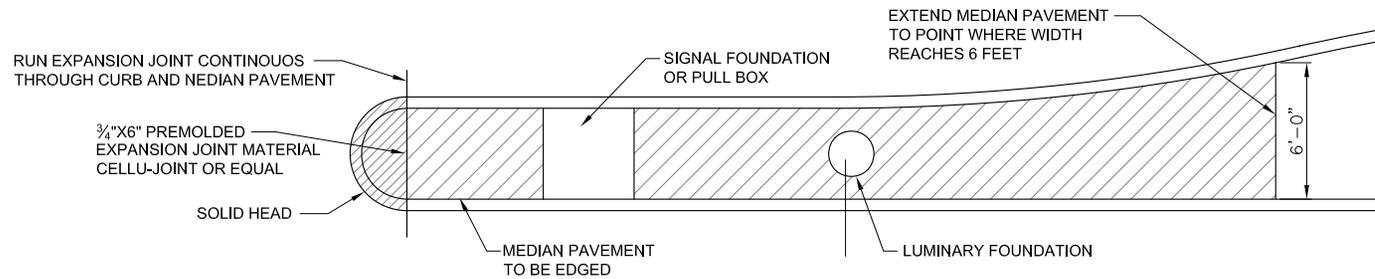


SAWED DUMMY JOINT

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 3

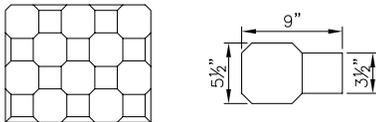


DETAIL OF NOSE FOR 17' WIDE MEDIAN ISLAND



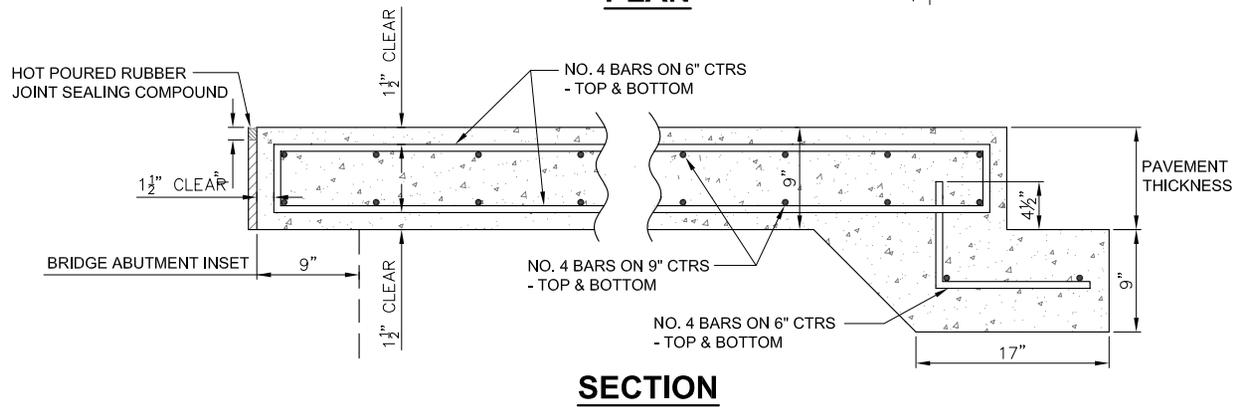
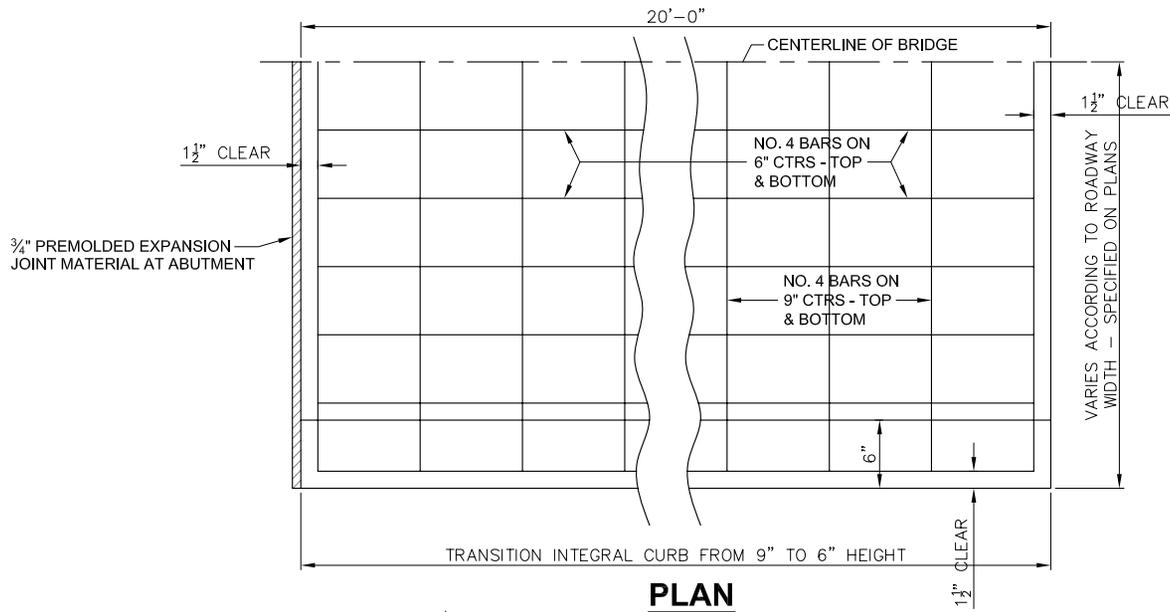
DETAIL OF MEDIAN PAVEMENT

BRICK PAVERS ARE REQUIRED FOR ALL MEDIANS 4' AND LESS IN WIDTH. USE KEYSTONE SHAPED PAVERS (SEE DETAIL), ANTIQUE RED IN COLOR.



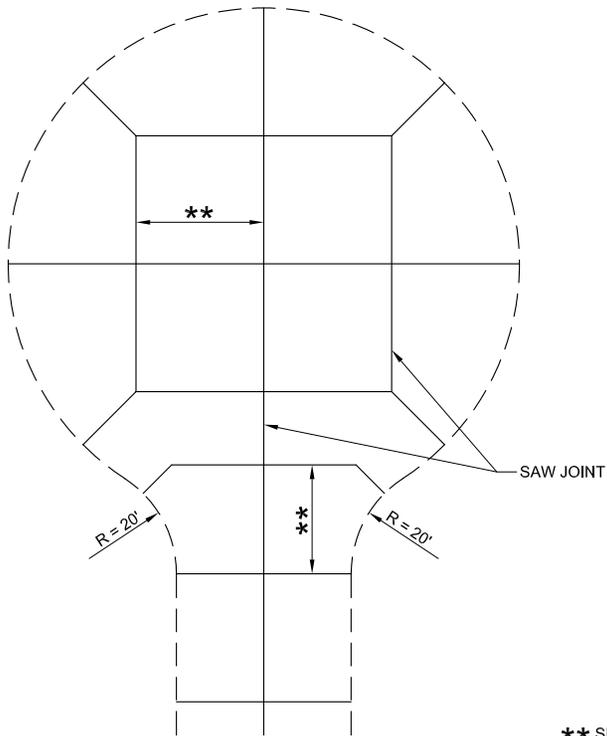
KEYSTONE DETAIL

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 4

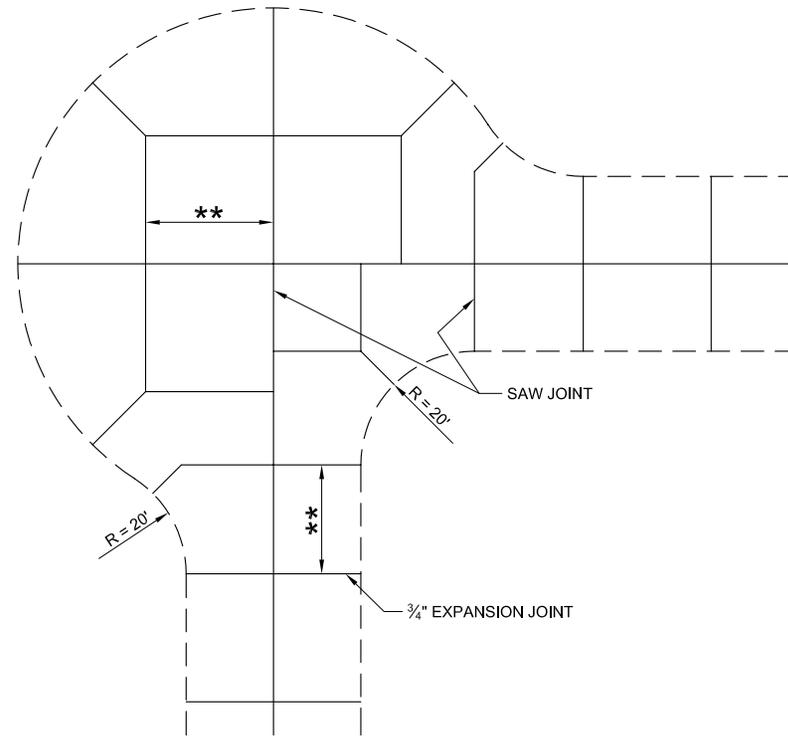


BRIDGE APPROACH SLAB

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 5



TYPICAL CUL-DE-SAC



TYPICAL ELBOW

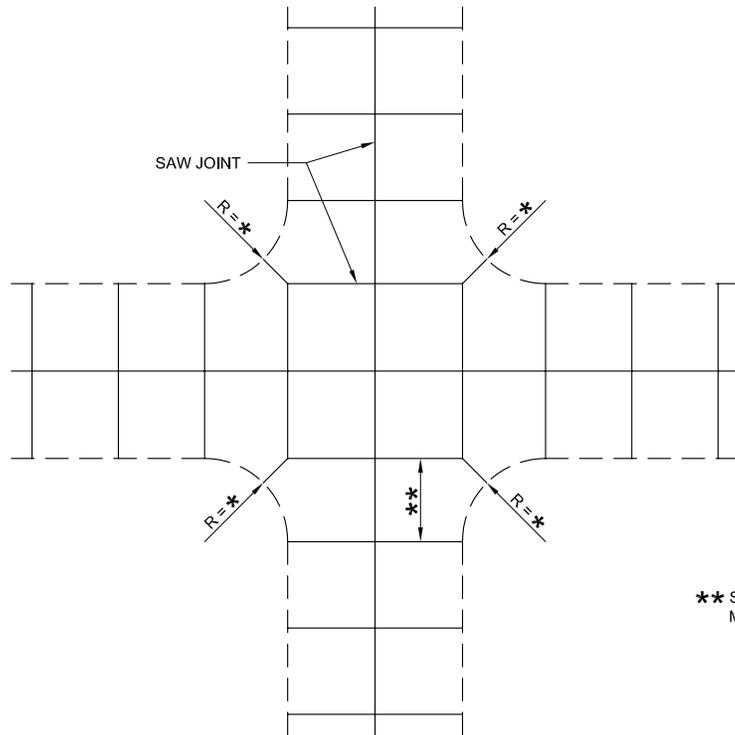
** SPACING WIDTH VARIES (SEE MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

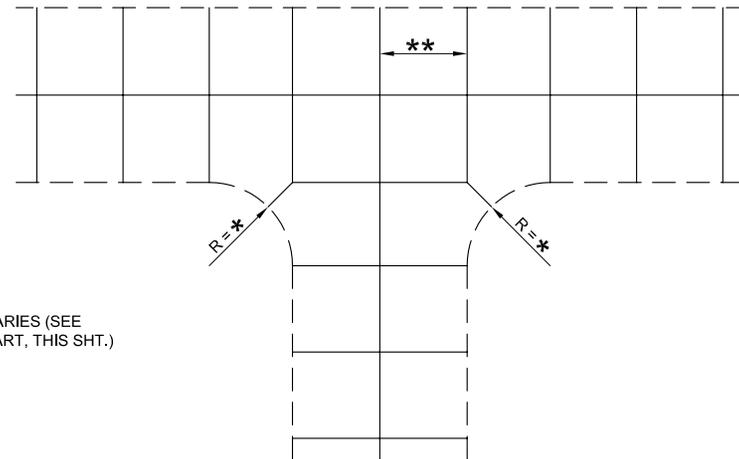
NOTE: CONTRACTOR WILL SAW CUT JOINTS AS SOON AS POSSIBLE (WITHIN 6 TO 8 HOURS MAX.) AFTER PLACEMENT OF PAVEMENT.

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 6



TYPICAL STREET INTERSECTION

* RADIUS STANDARDS	
ARTERIAL TO ARTERIAL	30'
ARTERIAL TO COLLECTOR	30'
RESIDENTIAL TO ARTERIAL	25'
RESIDENTIAL TO COLLECTOR	20'
RESIDENTIAL TO RESIDENTIAL	20'



TYPICAL T - INTERSECTION

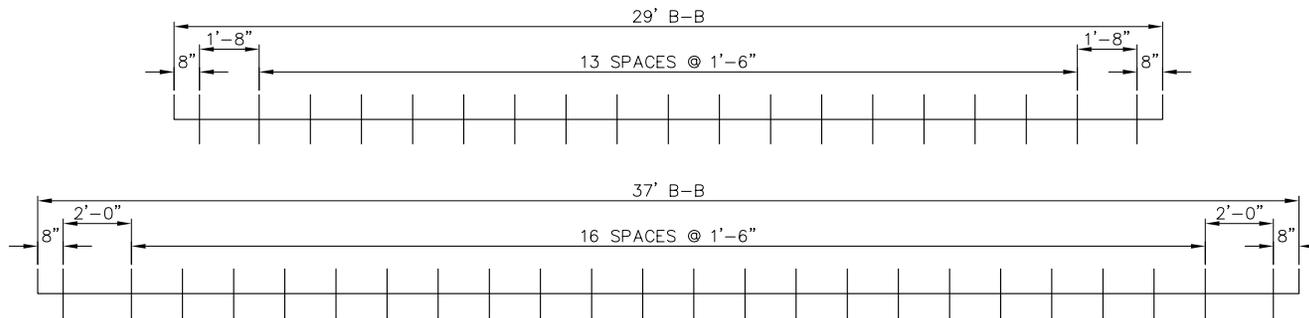
** SPACING WIDTH VARIES (SEE
MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

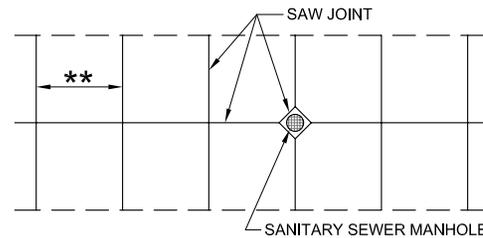
NOTE: CONTRACTOR WILL SAW CUT JOINTS AS SOON AS POSSIBLE (WITHIN 6 TO 8 HOURS MAX.) AFTER PLACEMENT OF PAVEMENT.

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 7



SPACING DIAGRAM FOR DOWELS AT SAWED JOINTS

** SPACING WIDTH VARIES (SEE MAX. SPACING CHART, THIS SHIT.)



TYPICAL STREET W/ MANHOLE

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

NOTE: CONTRACTOR WILL SAW CUT JOINTS AS SOON AS POSSIBLE (WITHIN 6 TO 8 HOURS MAX.) AFTER PLACEMENT OF PAVEMENT.

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
PAVEMENT JOINTS		
APPROVED:		
DATE: SEPTEMBER 2013	REVISED:	Page 8