

INTERLOCKING CONCRETE PAVER SPECIFICATIONS

PAVER DESCRIPTION :

- A. PAVERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C936-82.
- B. PAVERS THICKNESS SHALL BE 2 3/8". STANDARD COLOR SHALL BE DETERMINED BY THE ENGINEER
- C. ALL PAVERS SHALL BE SOUND AND FREE OF DEFECTS THAT WOULD INTERFERE WITH THE PROPER PLACING OF UNITS OR IMPAIR THE STRENGTH OR PERMANENCE OF THE CONSTRUCTION.

CONCRETE BASE :

- A. CONCRETE SHALL BE CLASS A.
- B. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
- C. CONCRETE SHALL BE FREE OF RETARDERS OR ACCELERATORS, UNLESS APPROVED BY THE ENGINEER.
- D. CONCRETE SHALL HAVE A SLUMP RANGE OF 2" TO 4".

SAND LAYING COURSE :

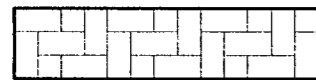
- A. THE SAND LAYING COURSE SHALL BE WELL GRADED CLEAN WASHED SHARP AND GRADED WITH 100 PERCENT PASSING A 3/8" SIEVE AND A MAXIMUM OF 3 PERCENT PASSING A NO. 200 SIEVE SIZE. THE USE OF MASONRY SAND IS NOT PERMITTED.

EDGE RESTRAINT :

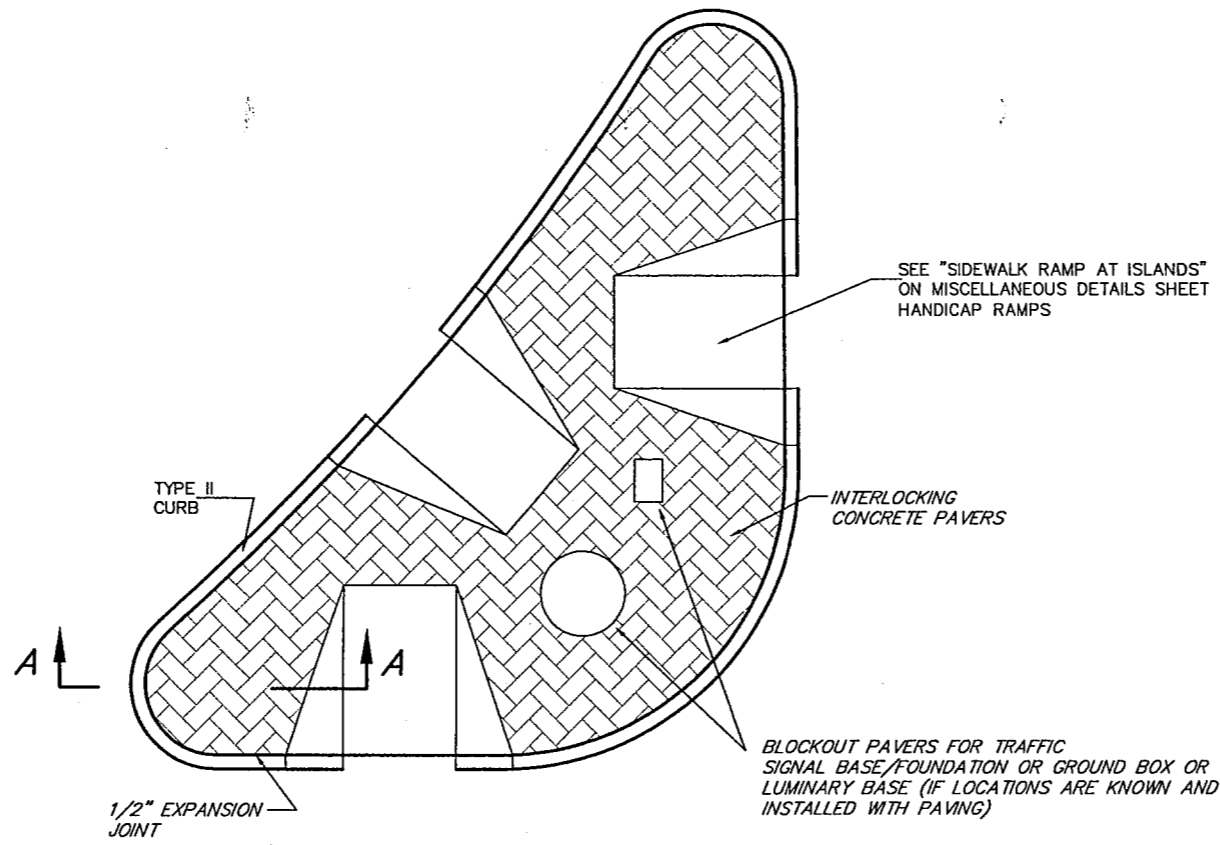
- A. ALL EDGES OF THE INSTALLED PAVERS SHALL BE RESTRAINED. THE TYPE OF EDGE RESTRAINT SHALL BE DETAILED ON THE CONTRACT DRAWINGS.
- B. IN THE EVENT THE PLANS DO NOT INDICATE AN EDGE RESTRAINT, THE FOLLOWING SHALL BE USED:
 1. A PRECAST PAVER EDGER, APPROVED BY THE ENGINEER
 2. A 6" WIDE CONCRETE MOW STRIP, MONOLITHICALLY PLACED WITH THE CONCRETE BASE.
 3. MASONRY SAW CUT BLOCKS WHICH MATCH INSIDE FACE SURFACE OF MEDIAN CURB.
 4. POURED PAVING BLOCKS WHICH MATCH INSIDE FACE SURFACE OF MEDIAN CURB.

INSTALLATION :

- A. A CONCRETE BASE MUST BE PREPARED AS DETAILED IN THE CONTRACT DRAWINGS.
- B. THE BASE COURSE SHALL BE SHAPED TO GRADE AND CROSS SECTION WITH AN ALLOWABLE TOLERANCE OF 1/4".
- C. THE COMPACTED SUBGRADE, COMPACTED TO 95 PERCENT STANDARD PROCTOR SHALL BE 6" BELOW THE STANDARD CURB CROSS SECTION.
- D. THE FINISHED BASE SURFACE SHALL BE APPROVED BY THE ENGINEER OR HIS REPRESENTATIVE BEFORE THE PLACEMENT OF THE SAND BEDDING COURSE.
- E. THE UNCOMPACTED SAND LAYING COURSE SHALL BE SPREAD EVENLY OVER THE AREA TO BE PAVED AND BE SCREED TO A LEVEL THAT WILL PRODUCE 1" THICKNESS, PLUS OR MINUS 1/4", WHEN THE PAVING STONES HAVE BEEN PLACED AND VIBRATED. PAVING STONES SHALL HAVE A FINAL GRADE SLIGHTLY HIGHER THAN THE STANDARD CURB/CONCRETE BEAM BORDER TO ALLOW FOR ANY MINOR SETTLING THAT MAY OCCUR WITHIN THE BASE.
- F. ONCE SCREED AND LEVELED TO THE DESIRED ELEVATION, THE SAND LAYING COURSE SHALL NOT BE DISTURBED.
- G. THE PAVERS SHALL BE IN THE PATTERN AS APPROVED BY THE ENGINEER.
- H. THE PAVERS SHALL BE LAID IN SUCH A MANNER THAT THE DESIRED PATTERN IS MAINTAINED AND THE JOINTS BETWEEN THE PAVING STONES ARE AS TIGHT AS POSSIBLE. JOINTS BETWEEN PAVERS SHALL NOT EXCEED 1/8". JOINTS BETWEEN ENDS AND/OR EDGES AND EXPANSION JOINT MATERIAL SHALL NOT EXCEED 1/4".
- I. STRING LINES SHALL BE USED TO HOLD ALL PATTERN LINES TRUE TO GRADE AND LINE.
- J. PAVERS SHALL BE VIBRATED INTO THE SAND LAYING COURSE USING A VIBRATOR CAPABLE OF 3000 TO 5000 POUNDS COMPACTION FORCE WITH THE SURFACE CLEAN AND JOINTS OPEN.
- K. AFTER VIBRATION, CLEAN MASONRY TYPE SAND CONTAINING AT LEAST 30 PERCENT OF 1/8" PARTICLES SHALL BE SPREAD OVER THE PAVER SURFACE ALLOWED TO DRY, AND VIBRATED INTO JOINTS WITH ADDITIONAL VIBRATOR PASSES AND BRUSHING SO AS TO COMPLETELY FILL ALL JOINTS.
- L. SURPLUS MATERIAL SHALL THEN BE SWEEPED FROM THE SURFACE AND DISPOSED OF OFFSITE.



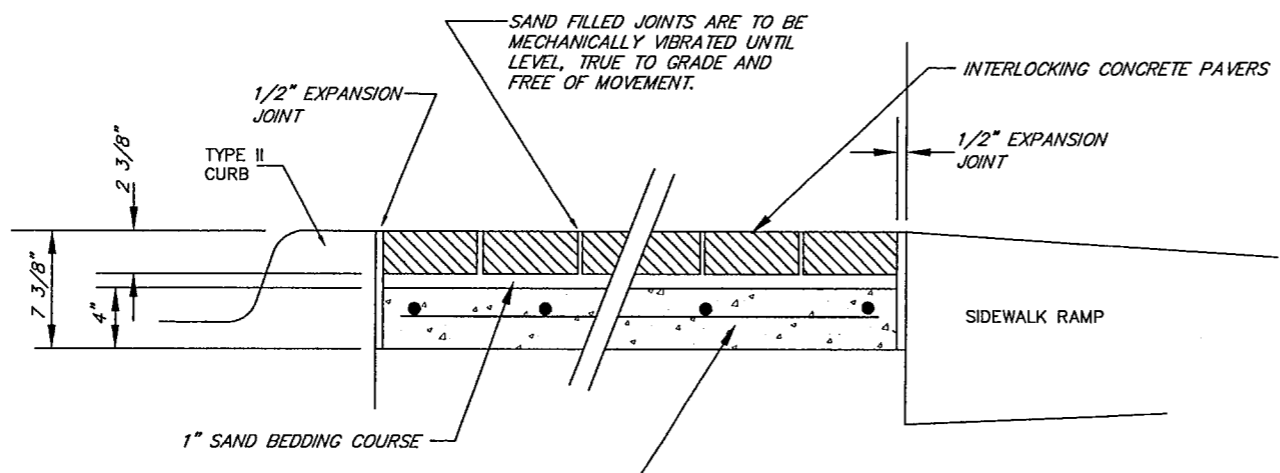
HERRINGBONE PATTERN



TYPICAL ISLAND LAYOUT

MIDWAY ROAD AT BELT LINE ROAD

(NOT TO SCALE)



CONCRETE BEDDING SLAB SHALL BE A MIN. OF 4" IN THICKNESS, CLASS A CONCRETE, AND REINFORCED WITH #3 DEFORMED REBARS AT 24" O.C.E.W.

NOTE : CURBS AND SIDEWALK RAMPS ACT AS EDGE RESTRAINTS.

SECTION A - A

(NOT TO SCALE)

SHEET 7 OF 7

BARTON-ASCHMAN ASSOCIATES, INC.

MISCELLANEOUS DETAILS SHEET
INTERLOCKING CONCRETE PAVERS
ADDISON TRANSIT PASS
ADDISON, TEXAS

		FEDERAL AID PROJECT NO. SHEET No.	
REVISION	DATE	FED. ROAD DIST. No.	FEDERAL AID PROJECT NO. SHEET No.
		6	CM 97 (449) 29
		STATE	STATE DIST. COUNTY
		TEXAS	DALLAS DALLAS
DESIGNED BY: R.A.Y.		CONT. SECT.	JOB HIGHWAY No.
DRAWN BY: B.A.A.		8050 18	034 BELT LINE RD
CHECKED BY: L.M.P.		BA FILE NAME :	

