



Chandler • Arizona
Where Values Make The Difference

MEMORANDUM

Case 15-07

DATE: March 4th, 2015

TO: MAG Specifications and Details Committee Members

FROM: Warren White, City of Chandler Representative

SUBJECT: Potential Case - Revisions to Concrete Paver Stds for Non-Traveled Surface

Potential Revisions for Discussion:

1. Revision to C-225 Concrete Paver Detail to depict pavers/decorative concrete on ABC for raised medians or other non-traveled areas?
2. Revision to MAG Section 342 Decorative Pavement Concrete Paving Stone or Brick, Section 342.3 Construction Standards?

342.3.2 Aggregate Base Course: When aggregate base course is specified, the aggregate base course shall be constructed true to grades and lines shown on the plans and compacted to a minimum dry density of 100% per Section 301 with the surface of the aggregate base course not varying by more than +1/8-inch in 10-feet.

3. See attached COP Section 342 supplement and City of Glendale Paving Block for Medians Dtl.

SECTION 342

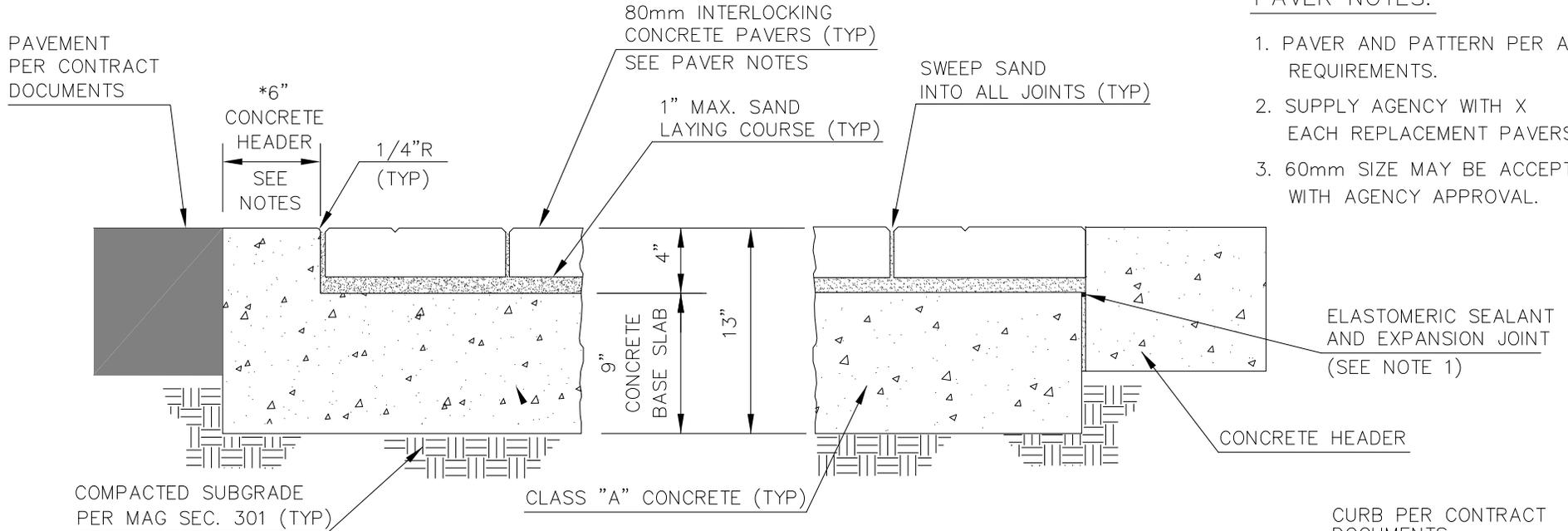
DECORATIVE PAVEMENT CONCRETE PAVING STONE OR BRICK

Subsection 342.3.2 Aggregate Base Course: Delete this subsection in its entirety and replace with the following:

The base course for decorative pavement shall consist of CLSM of a thickness specified in the plans or special provisions. 1-Sack CLSM shall be installed over subgrade soil compacted to a minimum of 95% density. The surface elevation of the CLSM shall be set to bring the 1-inch sand laying course, plus the thickness of the paving stones or bricks to the desired finished elevation of decorative pavement. The surface of the 1-Sack CLSM shall not vary more than +1/8 inch in 10 feet.

Subsection 342.4 MEASUREMENT AND PAYMENT: Delete this subsection in its entirety and replace with the following:

Measurement for deco pavement shall be by the square foot. Payment for deco pavement shall be made at the unit bid price per square foot including subgrade preparation, 1-Sack CLSM, and sand base. This payment shall be full compensation for all labor, materials, tools and equipment required to complete the work.



PAVER NOTES:

1. PAVER AND PATTERN PER AGENCY REQUIREMENTS.
2. SUPPLY AGENCY WITH X EACH REPLACEMENT PAVERS.
3. 60mm SIZE MAY BE ACCEPTED WITH AGENCY APPROVAL.

TYPICAL SECTION
(AGAINST PAVEMENT)

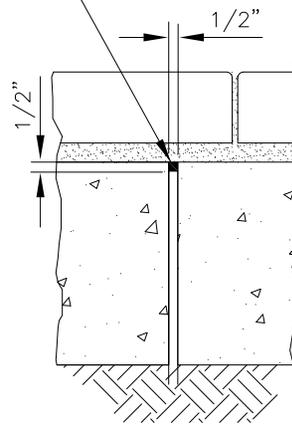
TYPICAL AT END OR ALTERNATE SECTION
(AGAINST CONCRETE)

CURB PER CONTRACT DOCUMENTS - VERTICAL CURB & GUTTER PER MAG DTL 220-1, TYPE A OR SINGLE CURB PER MAG DETAIL 222, TYPE 'A'

NOTES:

1. 1/2" EXPANSION JOINT, ASTM D-1751 PER MAG SEC. 729, EVERY 50'. ELASTOMERIC SEALANT PER MAG SEC. 342. SEE DETAIL.
2. CONTRACTION JOINTS PER MAG SEC. 342, EVERY 10'.
3. MATERIALS AND CONSTRUCTION PER MAG SEC. 342.
4. MAXIMUM ALLOWABLE JOINT GAP IS 1/2".
5. HEADER SHALL BE 12" AT CROSSWALKS.

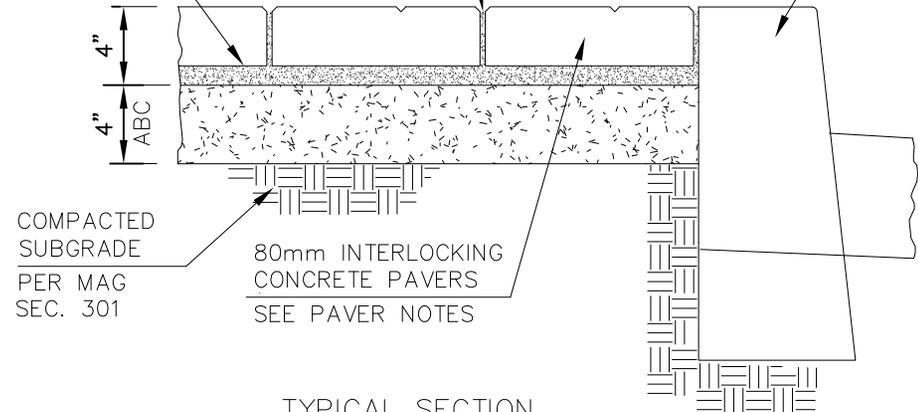
ELASTOMERIC SEALANT AND EXPANSION JOINT
(SEE NOTE 1)



EXPANSION JOINT
DETAIL

1" MAX. SAND LAYING COURSE

SWEEP SAND INTO ALL JOINTS



TYPICAL SECTION
(RAISED MEDIAN)