

**NOTES**

**SURFACE TEXTURE:** Texture of concrete surfaces shall be obtained by coarse brooming transverse to the ramp slopes and shall be rougher than adjacent walk.

**TRUNCATED DOMES:** Curb ramps shall be fitted with detectable warnings (truncated domes) meeting the requirements of the Americans with Disabilities Act (ADA). Detectable warnings shall be produced by the application of a flexible polyurethane mat. The mats shall be high visibility yellow in color. They shall be secured to the concrete surface with a structural adhesive system supplied by the manufacturer, and in accordance their recommendations.

Acceptable product manufacturers are Detectable Warning Systems, Inc., Orange CA, Disability Devices Distributor, Fountain Valley, CA or approved others capable of producing the specified product.

Fresh concrete shall be allowed to cure for a minimum of seven (7) days prior to application of the mat. No curing compound or sealer is to be applied to the detectable warning area.

Mats shall be aligned on a square grid in the predominate direction of travel.

Apply detectable warnings (truncated domes) for a distance of 24 inches from the back of the curb for the entire width of the ramp opening as shown on details on sheet 1.

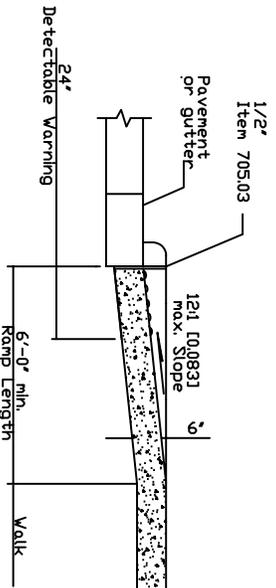
A construction joint shall be formed at both sides and at the back of the detectable warning area. The type, size and location of each curb ramp shall be as specified on the plans or as determined by the Engineer.

Alternate materials for detectable warnings, i.e. brick pavers, tiles or stamped concrete may be considered in lieu of the surface applied method only with the approval of the Engineer.

**EXPANSION JOINTS:** shall be provided in the curb ramp as extensions of walk joints and consistent with Item 60803 requirements for new concrete walk. A 1/2" Item 70503 expansion joint filler shall be provided around the edge of ramps built in existing concrete walk. Lines shown on this drawing indicate the ramp edge and slope changes, and are not necessarily joint lines.

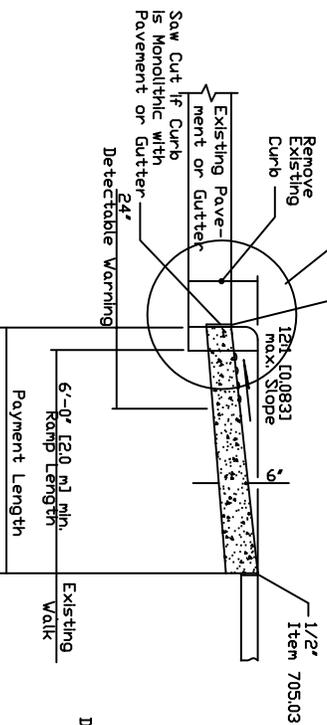
**PAYMENT:** Walk and curb, Items 608 and 609, shall be measured through the curb ramp area and paid for under their respective items. Item 608 - Curb Ramp, As Per Plan, Each constructed in new curb and walk shall include the cost of any additional materials and installation (including truncated domes), grading, forming and finishing.

Item 608 - Curb Ramp, As Per Plan, Square Foot constructed in existing curb and walk shall include the cost of furnishing and installing all materials (including truncated domes), grading, forming and finishing of the curb and walk of the curb ramp. Removal of existing curb and walk shall be paid for under Item 202.

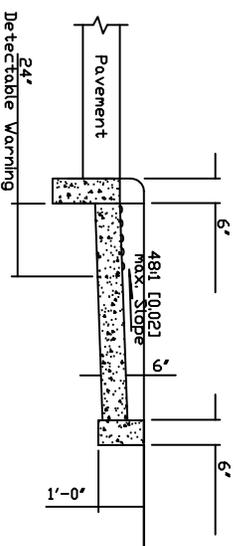


**SECTION A-A  
NORMAL DETAIL**  
See Sheet 1 of 3  
(Gutter shown)

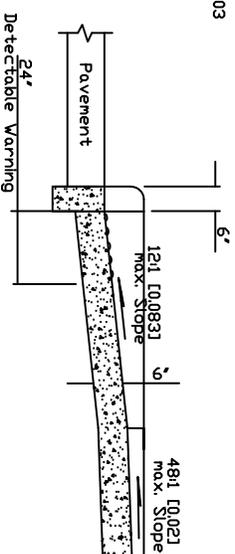
See DETAIL A  
Adjacent to P.C.C. - 1/2" Preformed Joint material Item 70503 with Joint Sealer applied per SCD BP-51.



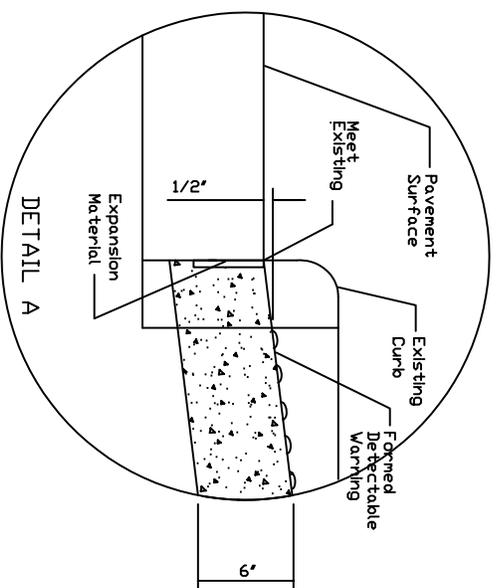
**SECTION A-A  
EXISTING WALK DETAIL**  
See Sheet 1 of 3.



**SECTION B-B**  
See Sheet 1 of 3.



**SECTION C-C**  
See Sheet 1 of 3.



**DETAIL A**

CITY OF SPRINGFIELD, OHIO  
DEPARTMENT OF ENGINEERING

CURB RAMP

SHEET 3 OF 3

DATE  
JUL 98  
NOV 03

STANDARD DRAWING CR-1

APPROVED \_\_\_\_\_ CITY ENGINEER