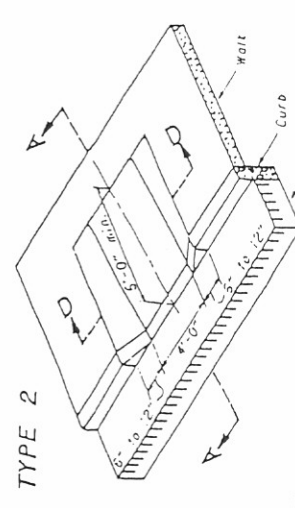
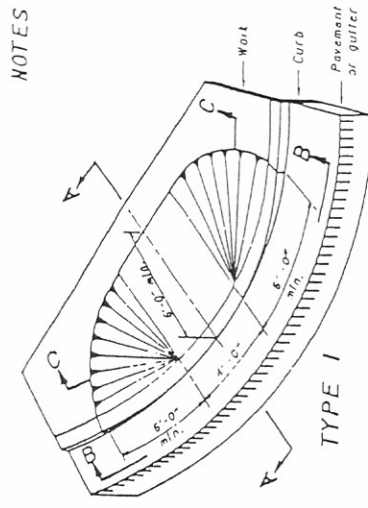
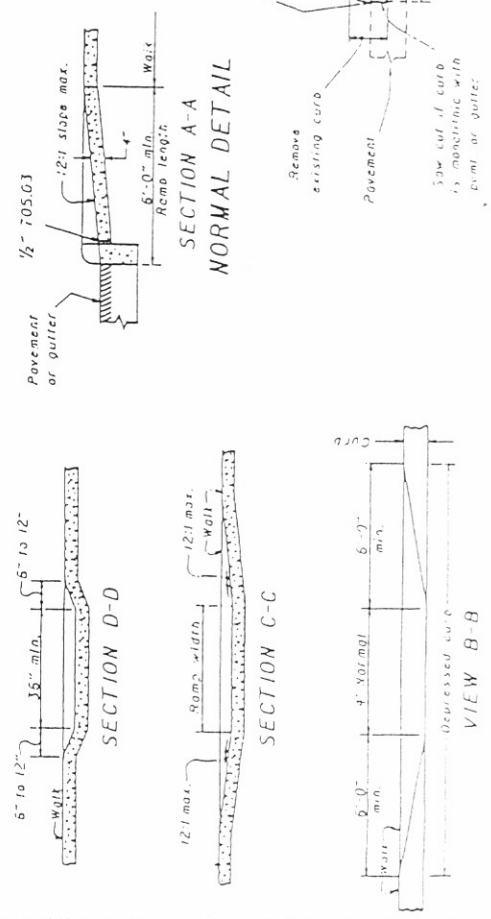
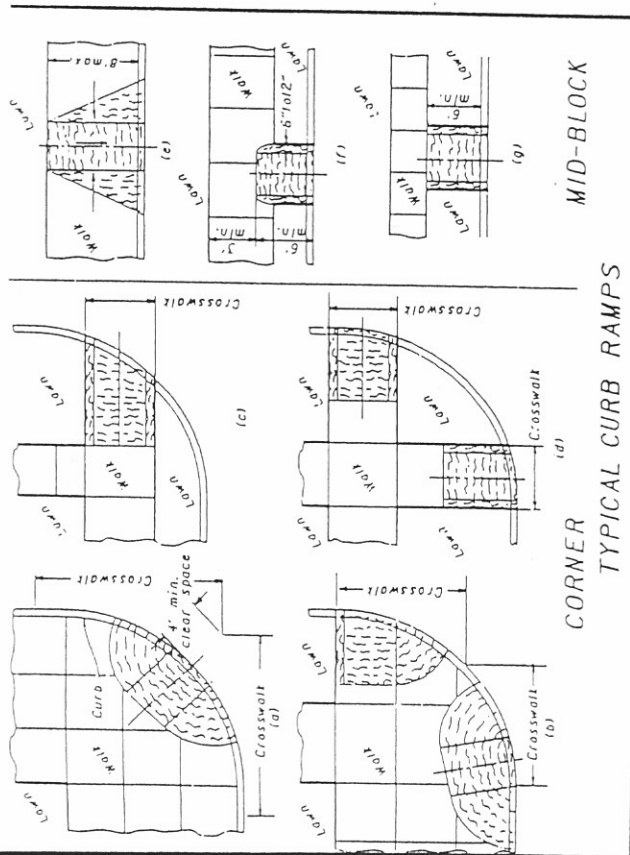


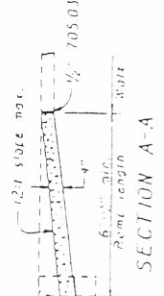
# CITY OF NEW PHILADELPHIA

## HANDICAP ACCESS CURB RAMPS (ODOT STANDARD BP-7.1)

STANDARD  
CONSTRUCTION  
DRAWING NO.  
**SD-24**  
REV. 01-00



Adjacent to P.C.C. - 1/2 inch pre-formed joint material - CUS 705.03 with joint scale - Dwg. BP-5.1.



EXISTING WALK DETAIL

**PAYMENTS:** Wait and curb, Items 608 and 609, shall be measured through the curb ramp length and under their respective items. "608" Curb ramp constructed in new curb and wait shall include the cost of any additional materials, grade for curbs and finishing. Item "608" square foot Curb Ramp" constructed in existing curb and wait shall include the cost of furnishing all materials, grading, forming, and finishing of the curb and wait of the curb ramp. Removal of existing curb and wait shall be paid for under Item 202.

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

**JOINTS:** shall be provided in the curb ramp as extensions of walk joints and consistent with 608.03 requirements for a new concrete curb. A 1/2 inch 705.03 expansion joint filler shall be installed above the edge of ramps built in existing curbs. The edge, as shown on this drawing, indicate the ramp edge, shown slope changes and are not necessarily joint lines.

**DIMENSIONS, LOCATION AND TYPE OF CURB RAMP:** shall be modified as directed by the engineer in accordance with the following:

- TYPE of curb ramp built shall be the type that best fits the location unless a type is specified in the plans.
- Type 1 is preferred because of the flatter side slopes. Any combination of Type 1 and 2 side slopes on opposite sides of a ramp may be used to best fit the site conditions.
- TYPE 1 Curb Ramps (Flared sides) should be used at locations where pedestrians must walk across the ramp at an angle. Typical Type Ramps (a, b, and c) are examples.
- Used where pedestrians must cross the ramp at a normal line of the ramp. Sides of these ramps must be parallel to the pedestrian flow. Typical Curb Ramps (d, f) and (g) are examples.

- SLOPE of the ramp toward the curb is preferred to be 12:1 or flatter (slat to the horizontal) but the maximum slope shall be 12:1 relative to the existing or proposed walk slope. The minimum ramp length is 6 ft. from the back of a 6 in curb and may be increased where feasible to obtain a flatter ramp slope or to better blend with the walk configuration.

- WIDTH of ramp shall normally be 4 ft. but minimum width of 3 ft. may be used to better blend with configuration or where site conditions warrant. Conditions where wide ramps are necessary include, but are not limited to, drainage inlets, etc. The width may be labeled.

- WALK THICKNESS in the ramp slopes shall be 4 in. minimum or thicker as necessary to match adjacent walk thickness.

BUREAU OF LOCATION AND DESIGN OHIO DEPARTMENT OF TRANSPORTATION	
DATE 7-20-53	40 10 S.
CURB RAMPS	
STANDARD CONSTRUCTION DRAWING	BP-7.1
E. K. ULL	