NOTES

GENERAL: NOTES AND DETAILS SHOWN ON THIS DRAWING SHALL BE CONSIDERED IN CONJUNCTION WITH AND SUPPLEMENTAL TO THE PERTINENT SPECIFICATIONS FOR PORTLAND CEMENT CONCRETE PAVEMENT AND BASES, AND RELATED INCIDENTALS.

JOINT COMPONENTS: THIS DRAWING IS INTENDED FOR USE WITH A UNIFORM DEPTH PAVEMENT. WHEN THE PROJECT INVOLVES THE PLACING OF VARIABLE DEPTH PAVEMENT, THE JOINT COMPONENTS SHALL BE HELD IN PLACE IN ACCORDANCE WITH THE METHOD SHOWN IN THE PLANS OR AS APPROVED BY THE ENGINEER.

CONTRACTION JOINTS: CONTRACTION JOINTS OF THE TYPE SPECIFIED SHALL BE SPACED IN ACCORDANCE WITH THE CONTRACTION JOINT SPACING TABLE.

<table>
<thead>
<tr>
<th>TYPES OF PAVEMENT OR BASE</th>
<th>MAXIMUM SPACING BETWEEN JOINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEM 451 - REINFORCED CONCRETE PAVEMENT</td>
<td>21’</td>
</tr>
<tr>
<td>ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT</td>
<td>15’</td>
</tr>
<tr>
<td>ITEM 305 - CONCRETE BASE</td>
<td>15’</td>
</tr>
<tr>
<td>ITEM 307 - RCC</td>
<td>30’</td>
</tr>
</tbody>
</table>

CONSTRUCTION JOINTS: IN ITEM 305 - CONCRETE BASE, A CONSTRUCTION JOINT SHALL NOT BE LOCATED CLOSER THAN 6’ TO ANOTHER PARALLEL JOINT.

KERF AND SEAL CONFORMING IN ALL ASPECTS TO DETAILS SHOWN FOR CONTRACTION JOINTS SHALL BE PROVIDED AT EACH CONSTRUCTION JOINT IN CONCRETE PAVEMENT AND BASE.
ITEM 451 & 452 W/ UNSEALED JOINTS
(DOWEL BAR OMITTED FOR SHOULDERS, ALLEYS, DRIVEWAYS, ETC.)

ITEM 452 W/ SEALED JOINTS

ITEM 305 - CONCRETE BASE

* WHERE T > 10", THE SAWCUT DEPTH SHALL BE T/3.

CONTRACTION JOINT SECTIONS
CONSTRUCTION JOINT

JOINT DETAILS FOR
PORTLAND CEMENT
CONCRETE PAVING

SECTION THROUGH CONSTRUCTION JOINT
SECTION THROUGH EXPANSION JOINT

SIDE ELEVATION OF EXPANSION JOINT
(THROUGH CONCRETE PAVEMENT OR BASE)

EXPANSION JOINTS

JOINT DETAILS FOR PORTLAND CEMENT CONCRETE PAVING
JOINT DETAILS FOR PORTLAND CEMENT CONCRETE PAVING

DOWEL BASKET ASSEMBLY

#7 GAUGE (0.177" DIA.) SHIPPING AND SPACER WIRES. REMOVE SPACER WIRES AFTER STAKING ASSEMBLY TO GRADE.

SECTION A-A

SECTION B-B

A

B

A

B

WELD ALTERNATE EDGES OF DOWELS

1½" APPROX.

18" CLEAR

( EPOXY COATED ) DOWEL

3½" MIN

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG 2170
04/30/18
SHT 5 OF 6
#1/0 GAUGE (0.306" DIA.) WIRE

DOWEL DIA. + (1/8" TO 3/16")

J-LEG DETAIL (ALTERNATE)

#1/0 GAUGE (0.306" DIA.) WIRE

DOWEL DIA. + (1/8" TO 3/16")

U-LEG DETAIL

#1/0 GAUGE (0.306" DIA.) WIRE

VARIES

VARIES

REFER TO CMSC 451.09.B AND 709.13 FOR DOWEL SPECIFICATIONS.

WIRE SIZES SHOWN ARE MINIMUM REQUIRED.

ALL WIRE INTERSECTIONS ARE TO BE WELDED.

STAKES TYPICALLY APPLIED AT WORKING ENDS OF DOWEL.

TOLERANCES:
A) ± 1/4" PER FOOT UNLESS OTHERWISE SPECIFIED.
B) CENTERLINE OF INDIVIDUAL DOWELS SHALL BE PARALLEL TO EACH OTHER, THE SURFACE AND THE CENTERLINE OF THE SLAB.
C) ON CENTERS SHOULD BE ±1/2".
D) DOWELS SHOULD BE PLACED AT MID-DEPTH OF SLAB.

J-LEG OR U-LEG TO BE INSTALLED ON INSIDE OR OUTSIDE OF SUBFRAME.

DOWEL BASKET ASSEMBLY

JOINT DETAILS FOR PORTLAND CEMENT CONCRETE PAVING