THIS STANDARD DRAWING IS FOR DRIVES ON LOCAL OR COLLECTOR STREETS WITH SPEEDS ≤ 35 MPH, UNLESS APPROVED OTHERWISE BY DEPARTMENT OF PUBLIC SERVICE.

* Curb or combined curb and gutter shall be taken out and replaced with concrete, separated from the drive by 1/2" premolded expansion joint. When less than 5 ft. of a curb section remains after the curb cut is located, it shall also be removed and replaced. Curb shall be constructed in minimum 5 ft. sections and maximum 10 ft. sections.

** Sidewalk width shall be per standard drawing 2300. Sidewalk thickness shall be 8" concrete to one full panel (min. 5 ft.) beyond the edge of the full width section of the drive.

Par = Pedestrian Access Route. Set par through approach at sidewalk grade to avoid ramp or transition. If not possible, then minimize transition from sidewalk to approach.

When curb or curb or curb and gutter are present all driveways shall be item 452 concrete pavement.

20'-0" minimum
26'-0" with parking spaces of 60 or more

8" Item - 452
8% max.
1.56% max.

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Par = Pedestrian Access Route. Set par through approach at sidewalk grade to avoid ramp or transition. If not possible, then minimize transition from sidewalk to approach.

When curb or curb or curb and gutter are present all driveways shall be item 452 concrete pavement.
CURBED ROADWAY WITH FLARES, TYPE B

DRIVEWAY, NON-RESIDENTIAL

WHEN CURB OR CURB AND GUTTER ARE PRESENT ALL DRIVEWAYS SHALL BE ITEM 452 CONCRETE PAVEMENT

SIDEWALK WIDTH PER STANDARD DRAWING 2300

7.69% MAX.

1.56% MAX.

8" ITEM - 452

4'-0" FLARE

1'-0" B/WALK

20'-0" MINIMUM

26'-0" WITH PARKING SPACES OF 60 OR MORE

4'-0" MIN. PAR

8% MAX.

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

STD DWG

2020

07/01/20
SHT 2 OF 14
* USE WHEN FRONT RAMP OF DRIVE IS LONGER THAN 2 FT.
MAINTAIN R/W CLEARANCE FOR WALK.

WHEN CURB OR CURB OR CURB AND GUTTER ARE PRESENT ALL
DRIVEWAYS SHALL BE ITEM 452
CONCRETE PAVEMENT

SIDEWALK WIDTH
PER STANDARD
DRAWING 2300
4'-0" (TYP) 1.56% MAX.
7.69% MAX.

4'-0" MIN. PAR

2'-0" OR
GREATER

4'-0" (TYP) 1.56% MAX.

2'-0" OR
GREATER

8' ITEM - 452
4'-0" MIN. PAR

8% MAX

B/WALK 20'-0" MINIMUM

26'-0" WITH PARKING SPACES
OF 60 OR MORE

4'-0" (TYP)

R/W LINE

MIN.

4'-0" (TYP)

MIN.

1'-0"

MIN.

1'-0" MIN.

1'-0"

MIN.

10% ALONG
FACE OF CURB

10% ALONG
FACE OF CURB

DRIVE 8% MAX.

4'-0" MIN. PAR
ACROSS DRIVE

1.56% MIN.

1.56% MAX.

1.56% MAX.

4'-0" (TYP)

DRIVE
8% MAX.

R/W

8" ITEM 452

6" ITEM 608

ITEM 203 - COMPACTED SOIL OR
ITEM 304 - AGGREGATE BASE

6" ITEM 609
CURB CURB & GUTTER
(DROP)

ITEM 605 - 4" UNDERDRAIN

½" EXPANSION JOINT

SECTION A-A
SEE SHEET 1 OF 14 FOR NOTES
WHEN CURB OR CURB AND GUTTER ARE PRESENT ALL DRIVEWAYS SHALL BE ITEM 452 CONCRETE PAVEMENT.

SIDEWALK WIDTH PER STANDARD DRAWING 2300

1.56% MAX.

7.69% MAX.

R/W LINE

B/WALK

1'-0" MIN.

1.56% MAX.

PAR 1.56% MAX.

8" ITEM - 452

20'-0" MINIMUM

26'-0" WITH PARKING SPACES OF 60 OR MORE

SECTION A-A

SEE SHEET 1 OF 14 FOR NOTES

ITEM 203 - COMPACTED SOIL OR ITEM 304 - AGGREGATE BASE

ITEM 452 - CONCRETE PAVEMENT

ITEM 605 - 4" UNDERDRAIN

ITEM 609 - CURB/CURB & GUTTER (DROP)

20'-0" MINIMUM

26'-0" WITH PARKING SPACES OF 60 OR MORE

SECTION A-A

SEE SHEET 1 OF 14 FOR NOTES

ITEM 203 - COMPACTED SOIL OR ITEM 304 - AGGREGATE BASE

ITEM 452 - CONCRETE PAVEMENT

ITEM 605 - 4" UNDERDRAIN

ITEM 609 - CURB/CURB & GUTTER (DROP)

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07/01/20
** 8" CONCRETE SIDEWALK FOR 1 FULL PANEL (MIN. 5 FT.) BEYOND EDGE OF DRIVE.

** MAINTAIN 4" PIPE UNDERDRAIN. CURB OR COMBINED CURB AND GUTTER SHALL BE TAKEN OUT AND REPLACED WITH CONCRETE, SEPARATED FROM THE DRIVE BY 1/2" PREMOLDED EXPANSION JOINT. WHEN LESS THAN 5 FT. OF A CURB SECTION REMAINS AFTER THE CURB CUT IS LOCATED, IT SHALL ALSO BE REMOVED AND REPLACED. CURB/GUTTER SHALL BE CONSTRUCTED IN MINIMUM 5 FT. SECTIONS AND MAXIMUM 10 FT. SECTIONS.

PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.

NO DOWELS REQUIRED ON DRIVES.

WHEN A CURB OR CURB AND GUTTER ARE PRESENT ALL DRIVEWAYS SHALL BE ITEM 452 CONCRETE PAVEMENT

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** CURBED ROADWAY WITH RADIUS

** DRIVEWAY, NON-RESIDENTIAL

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STD DWG
2202
07/01/20
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OPTIONAL: ITEM 609 - CURB
SEE STANDARD DRAWING 2000 OR 2010

SECTION A-A THROUGH CROWNED PAVEMENT

ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT
OR
ITEM 441 - 1.5" ASPHALT CONCRETE, SURFACE COURSE (TYPE 1), PG 64-22
ITEM 441 - 1.75" ASPHALT CONCRETE, INTERMEDIATE COURSE (TYPE 2), 448
ITEM 407 - TACK COAT
ITEM 305 - 7" CONCRETE BASE

SECTION A-A THROUGH FLAT PAVEMENT

ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT
OR
ITEM 441 - 1.5" ASPHALT CONCRETE, SURFACE COURSE (TYPE 1), PG 64-22
ITEM 441 - 1.75" ASPHALT CONCRETE, INTERMEDIATE COURSE (TYPE 2), 448
ITEM 407 - TACK COAT
ITEM 305 - 7" CONCRETE BASE

CURBED ROADWAY WITH RADIUS

DRIVEWAY, NON-RESIDENTIAL
**SIDEWALK PER STD DWG 2300**

**SECTION B-B WITH CURB AND GUTTER**

- **ITEM 452**
- **ITEM 608**

**SECTION B-B WITH STRAIGHT CURB**

- **ITEM 609 - CURB (DROP)**

CONC. APPROACH MAY BE Poured INTEGRAL WITH CURB WITH PRIOR C.O.C. APPROVAL

**CURVED ROADWAY WITH RADIUS**

**DRIVEWAY, NON-RESIDENTIAL**

- **PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.**

- **★ 8" ITEM - 608**

- **★★ STRAIGHT CURB OR CONCRETE CURB & GUTTER.**

CITY OF COLUMBUS, OHIO
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2202

07/01/20
SHT 7 OF 14
FOR USE ON A NON-RESIDENTIAL PARCEL

DRIVE PAVEMENT (TYPE, RIGID)
ITEM 452 - 8" NON-REINFORCED PORTLAND CEMENT CONCRETE

SIDEWALK SHALL BE PER STANDARD DRAWING 2300.
SIDEWALK THICKNESS SHALL BE 8" CONCRETE TO ONE FULL PANEL (MIN. 5 FT.) BEYOND THE EDGE OF THE FULL WIDTH SECTION OF THE DRIVE.

* PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.

WHEN CONDITIONS EXIST USE THE FOLLOWING;
IF THE DISTANCE FROM THE SIDEWALK TO THE EDGE OF PAVEMENT IS:

>5' ---- HOLD THE FLARE TO 45° AND ADJUST THE WIDTH ACCORDINGLY, MAINTAIN THE MINIMUM 2' WIDE PERPENDICULAR AREA OF THE APPROACH

5'-7' --- MAINTAIN THE 5' MAXIMUM FLARE WIDTH, VARY THE ANGLE, AND MAINTAIN THE MINIMUM 2' WIDE PERPENDICULAR AREA OF THE APPROACH

>7' ---- DECREASE THE 45° ANGLE (ADJUST ACCORDINGLY), MAINTAIN THE MINIMUM 2' WIDE PERPENDICULAR AREA OF THE APPROACH
1.56% 8% MAX.

SIDEWALK PER
STD DWG 2300

4'-0" MIN. PAR *

1.56% 8% MAX.

SIDEWALK PER
STD DWG 2300

4'-0" MIN. PAR *

1.56% 8% MAX.

DITCH

ITEM 603 - DRIVE PIPE, TYPE D
MINIMUM 12" DIA. WHEN APPLICABLE

45° MAX.

45° MAX.

5'-0" MAX.
FLARE

5'-0" MAX.
FLARE

SAWCUT FULL DEPTH TO SOUND PAVEMENT
ITEM 407 - TACK COAT, VERTICAL EDGE
ITEM 423 - CRACK SEALING, TYPE I

DRIVE

PAVEMENT ***

MAIN ROADWAY
NON-CURBED

R/W

R/W

A-A SEE SHT 10 OF 14

* PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.

** 8" THICK CONCRETE SIDEWALK FOR 1 FULL PANEL (MIN. 5 FT.) BEYOND THE EDGE OF THE FULL WIDTH SECTION OF THE DRIVE.

*** DRIVE PAVEMENT (FLEXIBLE DESIGN)
ITEM 441 - 1.5" ASPHALT CONCRETE, SURFACE COURSE, (TYPE 1), PG 64-22
ITEM 441 - 2" ASPHALT CONCRETE, INTERMEDIATE COURSE, (TYPE 2)
ITEM 301 - 4.5" ASPHALT CONCRETE BASE
ITEM 304 - 4" AGGREGATE BASE
ITEM 203 - COMPACTED SOIL

4'-0" MIN. PAR
1.56%

1'-0"
MIN.

ITEM 203 - COMPACTED SOIL

SECTION A-A

NON-CURBED ROADWAY WITH FLARES
DRIVE PAVEMENT, FLEXIBLE

DRIVEWAY, NON-RESIDENTIAL

CITY OF COLUMBUS, OHIO
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STD DWG 2202
07/01/20
SHT 10 OF 14
** PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.

** 8" THICK CONCRETE SIDEWALK FOR 1 FULL PANEL (MIN. 5 FT.) BEYOND THE EDGE OF THE FULL WIDTH SECTION OF THE DRIVE.

*** DRIVE PAVEMENT (FLEXIBLE DESIGN)
- ITEM 441 - 1.5" ASPHALT CONCRETE, SURFACE COURSE, (TYPE 1), PG 64-22
- ITEM 441 - 2" ASPHALT CONCRETE, INTERMEDIATE COURSE (TYPE 2)
- ITEM 301 - 4.5" ASPHALT CONCRETE BASE
- ITEM 304 - 4" AGGREGATE BASE

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SIDEWALK PER STD DWG 2300

** 4'-0" MIN. PAR **

1.56%

CURBED DRIVE (OPTIONAL) CURB PER STD DWG 2000 WITHOUT UNDERDRAIN

1. TAPER CURB HEIGHT FROM 6" TO 0" IN 6 FT.
2. TAPER CURB HEIGHT FROM 6" TO 0" IN 2 FT.

SAWCUT FULL DEPTH TO SOUND PAVEMENT

ITEM 407 - TACK COAT, VERTICAL EDGE
ITEM 423 - CRACK SEAL, TYPE I
ITEM 423 - CRACK SEAL

EXIST. PAVEMENT

EXIST. SLOPE

ITEM 203 - COMPACTED SOIL

DRIVE PIPE

TRANSITION AT 45°

SECTION A-A

NON-CURBED ROADWAY WITH RADIUS, DRIVE PAVEMENT, FLEXIBLE

DRIVEWAY, NON-RESIDENTIAL

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STD DWG 2202
07/01/20
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PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.

8" THICK CONCRETE SIDEWALK FOR 1 FULL PANEL (MIN. 5 FT.) BEYOND THE EDGE OF THE FULL WIDTH SECTION OF THE DRIVE.

** ** DRIVeway, NON-RESIDENTIAL

MAIN ROADWAY NON-CURBED

E/P

ITEM 603 - DRIVE PIPE, TYPE D MINIMUM 12" DIA. WHEN APPLICABLE

ITEM 423 - CRACK SEAL, TYPE I

ITEM 603 - DRIVE PIPE, TYPE D MINIMUM 12" DIA. WHEN APPLICABLE

** ** 8" THICK CONCRETE SIDEWALK FOR 1 FULL PANEL (MIN. 5 FT.) BEYOND THE EDGE OF THE FULL WIDTH SECTION OF THE DRIVE.
EXIST. PAVEMENT

ITEM 423 - CRACK SEAL

TRANSITION AT 45°

EXIST. ROAD

SECTION A-A

NON-CURBED ROADWAY WITH RADIUS
DRIVE PAVEMENT, RIGID

DRIVEWAY, NON-RESIDENTIAL

CITY OF COLUMBUS, OHIO
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