



Cornell R. Robertson, P.E., P.S.
FRANKLIN COUNTY ENGINEER

DATE: _____

PERMIT NO. _____

This permit is hereby granted to _____ representing _____ in accordance with Section 5589.10 of the Ohio Revised Code. This permit is granted for the purpose of installing a residential driveway, including placing a min. of 32 ft. of 12 inch reinforced concrete or HP plastic pipe as a drive tile.

Note: Attached are driveway standard requirements. **Address:** _____

The holder of this permit shall be responsible for the replacement of the pavement, shoulder, berms, drainage courses, pipes, guard rail, plant material and turf to an original or better condition, and shall properly maintain the pavement, berm, and storm drainage facilities until restored to its original condition.

All trenches excavated within the roadway will be backfilled with Item 636, Controlled Density Fill (CDF), per the City of Columbus Construction and Material Specifications, or as otherwise specified in writing, to the satisfaction of the County Engineer.

The permit holder shall provide for the maintenance of traffic at all times as provided for on the plans or in the maintenance of traffic notes.

Furthermore, this permit holder shall provide and maintain at all excavations in the road, suitable barricades and safeguards including the display of steady burn, type "C" lights at night and shall at all times indemnify and save harmless the Board of County Commissioners and Franklin County against all claims from injury or damage to persons and property that may be asserted by any firm, person, or corporation arising out of the use and occupancy of any part of the road and/or right-of-way.

This work is to begin on _____. You must call the day before actually starting work for the permit to be valid. This permit expires 30 days after issuance unless work has been started.

Cornell R. Robertson, P.E., P.S.
FRANKLIN COUNTY ENGINEER

By: _____ Title: _____
Franklin County Engineer's Representative

We hereby agree to the terms of this permit:

Company Name: _____ Telephone Number _____ FAX Number _____

Person to Contact: _____ Telephone Number _____

Field Supervisor: _____ Telephone Number _____

Sign: _____ E-Mail _____

Print _____

RESIDENTIAL COMPOSITION

WIDTH—MINIMUM 12' (WB) AT BACK OF APRON AND 32' AT FRONT.
 LENGTH—10' STARTING AT BACK OF CURB OR SHOULDER.
 FLARES—SEE APPROACH ANGLE TABLE.

ASPHALT DRIVE

ITEM 441—3" ASPHALT CONCRETE SURFACE COURSE, TYPE I
 (448 DRIVEWAYS) PG64—22
 ITEM 304—6" AGGREGATE BASE

CONCRETE DRIVE

ITEM 452—6" CLASS C CONCRETE
 ITEM 304—6" AGGREGATE BASE

GRAVEL AND FIELD DRIVES

APRON AREA

ITEM 441—3" ASPHALT CONCRETE SURFACE COURSE, TYPE I
 (448 DRIVEWAYS) PG64—22
 ITEM 304—6" AGGREGATE BASE

BEHIND APRON

ITEM 304—9" AGGREGATE BASE

COMMERCIAL COMPOSITION

MATCH EXISTING SHAPE IF POSSIBLE

WIDTH—VARIES DEPENDING ON USE
 LENGTH—VARIES DEPENDING ON USE
 FLARES—VARIES DEPENDING ON USE

ASPHALT DRIVE

ITEM 441—3" ASPHALT CONCRETE SURFACE COURSE, TYPE I
 (448 DRIVEWAYS) PG64—22
 ITEM 301—4" BITUMINOUS AGGREGATE BASE
 ITEM 304—4" AGGREGATE BASE

CONCRETE DRIVE

ITEM 452—8" CLASS MS CONCRETE
 ITEM 304—6" AGGREGATE BASE

GENERAL NOTES:

GENERAL

CONCRETE APRON REQUIRED, REGARDLESS OF EXISTING OR PROPOSED DRIVEWAY COMPOSITION, IF WITHIN A CONCRETE CURBED SECTION OF ROADWAY.

ASPHALT APRON REQUIRED FOR DISTANCE OF 3' FROM THE EDGE OF THE ROADWAY'S ASPHALT PAVEMENT, REGARDLESS OF EXISTING (OR PROPOSED) DRIVEWAY COMPOSITION, IF WITHIN NON-CONCRETE CURBED SECTION OF ROADWAY. THE REMAINING 7' OF THE APRON SHALL BE ASPHALT IF THE EXISTING (OR PROPOSED) DRIVEWAY IS ASPHALT OR GRAVEL. THE REMAINING 7' OF THE APRON SHALL BE CONCRETE IF EXISTING (OR PROPOSED) DRIVEWAY IS CONCRETE.

ADA

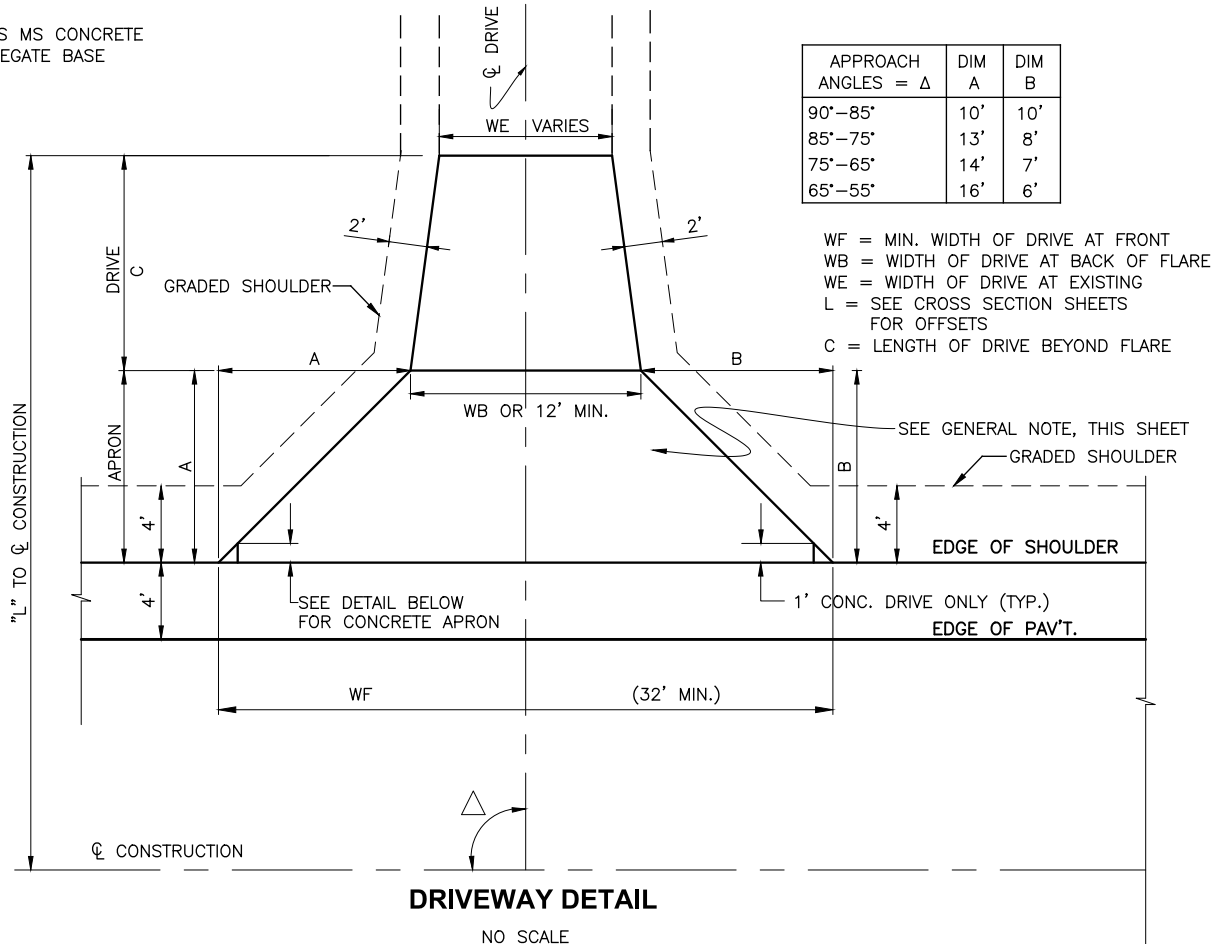
REFER TO CURRENT CITY OF COLUMBUS STANDARD DRAWINGS 2319 DR. A OR LOCAL JURISDICTION STANDARDS

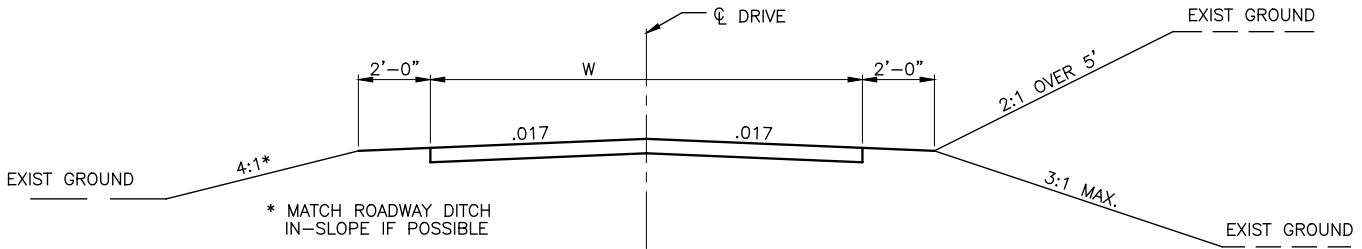
RIGHT-IN, RIGHT-OUT ONLY DRIVEWAYS

ODOT ACCESS MANAGEMENT MANUAL — CURRENT EDITION.
 CITY OF COLUMBUS — STD. DWG. 2330

MAIL BOX APPROACHES

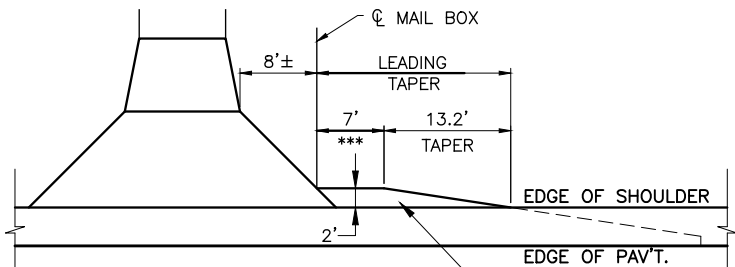
FOR ADDITIONAL DETAILS ON MAIL BOX APPROACHES SEE ODOT STD DWG BP-4.1.



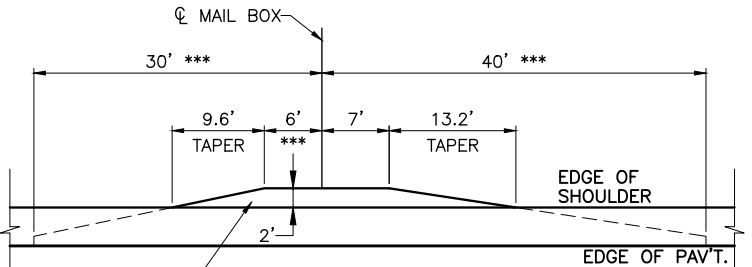


**DRIVEWAY
TYPICAL SECTION**

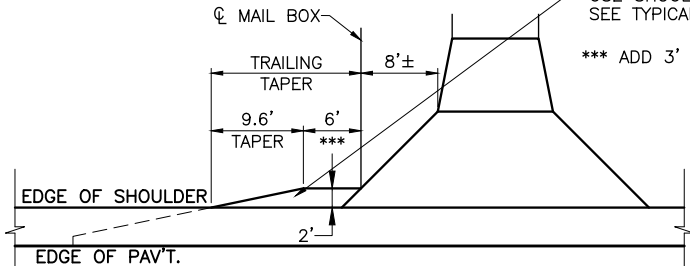
NO SCALE



**COMBINED DRIVEWAY AND MAIL BOX APPROACH
(LEADING APPROACH)**

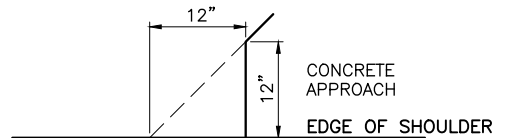


**TYPICAL MAIL BOX APPROACH
(INDEPENDENT OF DRIVEWAY)**

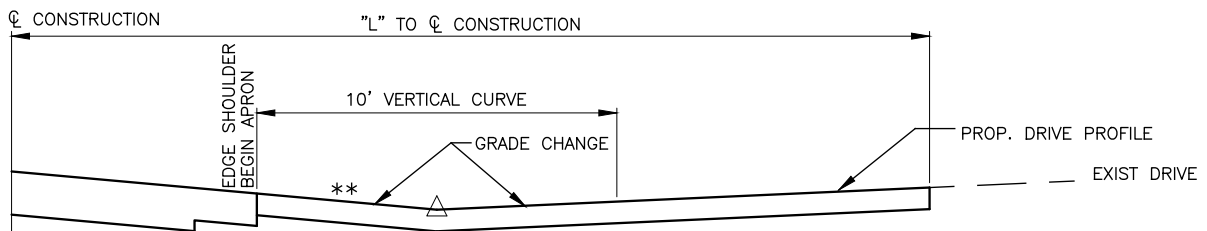


**COMBINED DRIVEWAY AND MAIL BOX APPROACH
(TRAILING APPROACH)**

USE SHOULDER COMPOSITION
SEE TYPICAL SECTION, SHEET
*** ADD 3' FOR EACH ADDITIONAL MAIL BOX



CONCRETE APRON DETAIL



DRIVEWAY PROFILE

NO SCALE

NOTE: MAXIMUM GRADES OF 8% OR LESS DESIREABLE PROFILE GRADE CHANGES OF LESS THAN 4% DESIREABLE IF STEEPER THAN 8% EXTEND DRIVEWAY WORK LIMITS TO THE HOUSE OR GARAGE IF NECESSARY TO GET AS CLOSE TO 8% AS POSSIBLE. MATCH EXISTING DRIVEWAY GRADE IF 8% IS NOT POSSIBLE
 ** DRIVEWAY SLOPE TO MATCH SHOULDER SLOPE

Residential Composition

Width Minimum 12' (WB) at back of apron and 32' at front.

Length – 10' starting at back of curb or shoulder

Flares – See approach angle table

Asphalt Drive

Item 441 – 3" Asphalt concrete surface course, Type I (448 Driveways) PG64-22

Item 304 – 6" Aggregate base

Concrete Drive

Item 452 – 6" Class C Concrete

Item 304 – 6" Aggregate base

Gravel & Field Drives

Apron Area

Item 441 – 3" Asphalt concrete surface course, Type I (448 Driveways) PG64-22

Item 304 – 6" Aggregate base

Behind Apron

Item 304 – 9" Aggregate base

General Notes

Concrete apron required regardless of existing or proposed driveway composition, if within a concrete curbed section of roadway.

Asphalt apron required for distance of 3' from the edge of the roadways asphalt pavement, regardless of existing (or proposed) driveway composition, if within non-concrete curbed section of roadway. The remaining 7' of the apron shall be asphalt if existing (or proposed) driveway is asphalt or gravel. The remaining 7' of the apron shall be concrete if existing (or proposed) driveway is concrete.

Driveway Profile

Note: Maximum grades of 8% or less desirable if steeper than 8% extend driveway work limits to the house or garage if necessary to get as close to 8% as possible.

** Driveway slopes to match shoulder slope.

ADA

Refer to current City of Columbus Standard Drawings 2319 DR. A or local jurisdiction standards

Mail Box Approaches

For additional Details on mail box approaches see ODOT STD DWG BP-4.1