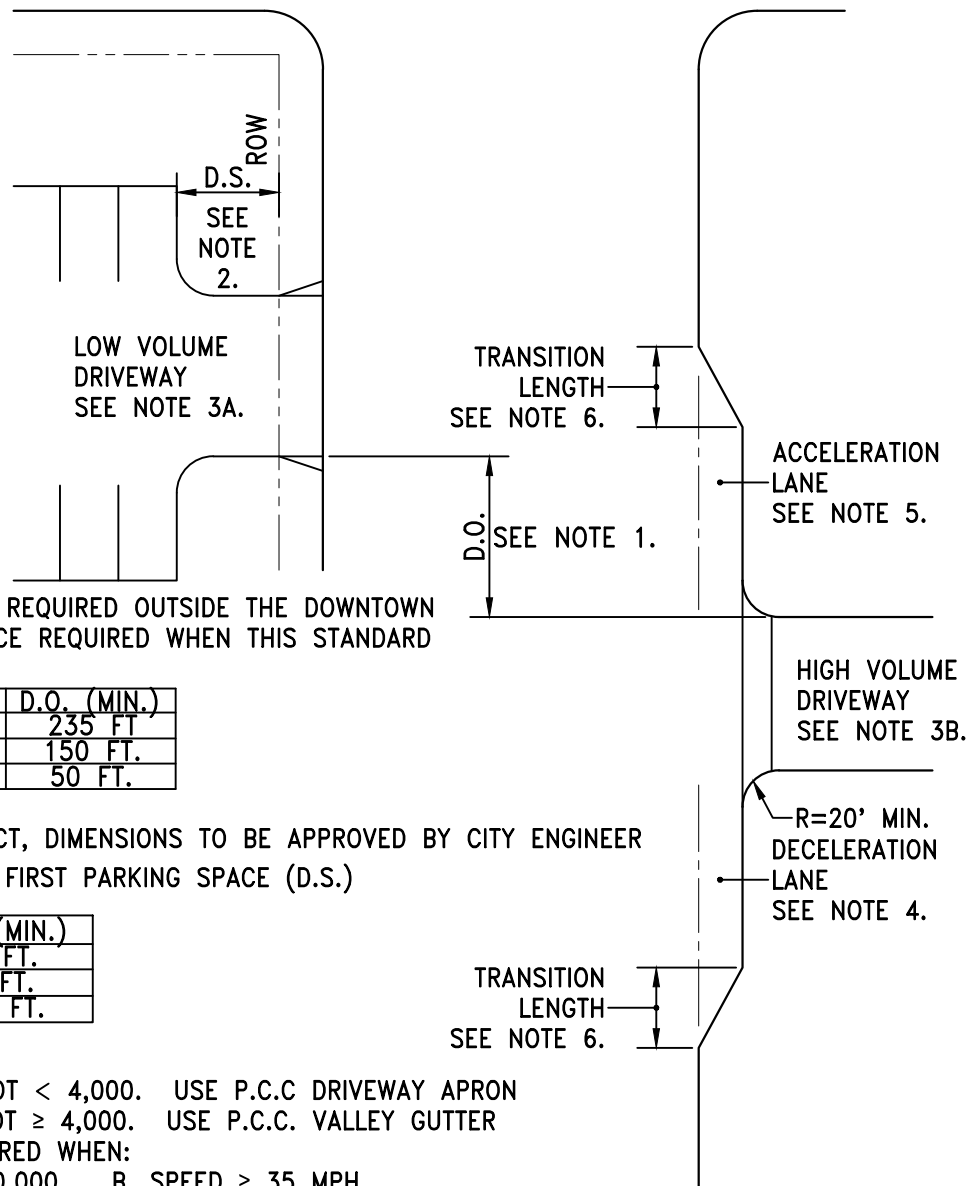




NOTES:

1. DRIVEWAY OFFSET (D.O.) – REQUIRED OUTSIDE THE DOWNTOWN PARKING DISTRICT. VARIANCE REQUIRED WHEN THIS STANDARD CANNOT BE MET.

FACILITY TYPES	D.O. (MIN.)
MAJOR ARTERIALS	235 FT.
MINOR ARTERIALS	150 FT.
COMMERCIAL COLLECTORS	50 FT.

NOTE:

DOWNTOWN PARKING DISTRICT, DIMENSIONS TO BE APPROVED BY CITY ENGINEER

2. DISTANCE FROM ROW TO FIRST PARKING SPACE (D.S.)

PROJECT ADT	D.S. (MIN.)
< 1000	25 FT.
1,000 – 10,000	50 FT.
> 10,000	100 FT.

3. DRIVEWAY TYPE:
 - A. PROJECT ADT < 4,000. USE P.C.C DRIVEWAY APRON
 - B. PROJECT ADT ≥ 4,000. USE P.C.C. VALLEY GUTTER
4. DECELERATION LANE REQUIRED WHEN:
 - A. STREET ADT > 10,000
 - B. SPEED ≥ 35 MPH
 - C. DRIVEWAY ADT > 1,000
 - D. PEAK HOUR RIGHT TURN INGRESS ≥ 40
 - E. FRONTAGE > 150'
 - F. WILL NOT RESTRICT UPSTREAM PROPERTIES
5. ACCELERATION LANE REQUIRED WHEN:
 - A. STREET ADT > 10,000
 - B. SPEED ≥ 45 MPH
 - C. PEAK HOUR DRIVEWAY RIGHT TURN EGRESS ≥ 75
 - D. FRONTAGE LONG ENOUGH TO ACCOMMODATE FULL ACCELERATION AND MERGE LENGTH
6. TRANSITION LENGTH:

L=TRANSITION LENGTH
 W= OFFSET
 S= DESIGN SPEED
 S≥ 45 MPH
 $L = WS$
 S≤ 40 MPH
 $L = WS^2/60$
7. ANY DEVIATION FROM THESE STANDARDS INCLUDING NDOT AND RTC MUST BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.
8. IF PROPERTIES ARE SHARING COMMON INTERNAL ACCESS, THEN DRIVEWAY SHALL BE TREATED AS A SINGLE DRIVEWAY WITH RECIPROCAL ACCESS EASEMENTS.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.



DRIVEWAY GEOMETRICS

S-112B

APPROVED BY: JE DATE: 1/2020