

FULL DEPTH JOINT (CURB/ROAD INTERFACE)

FOR A CONCRETE ROADWAY, PROVIDE ONE HALF INCH (1/2") PREFORMED EXPANSION JOINT FILLER BITUMINOUS TYPE; AND/OR IF HOT MIX ASPHALT PAVEMENT/OVERLAY, THEN PROVIDE POLYMERIZED JOINT ADHESIVE.

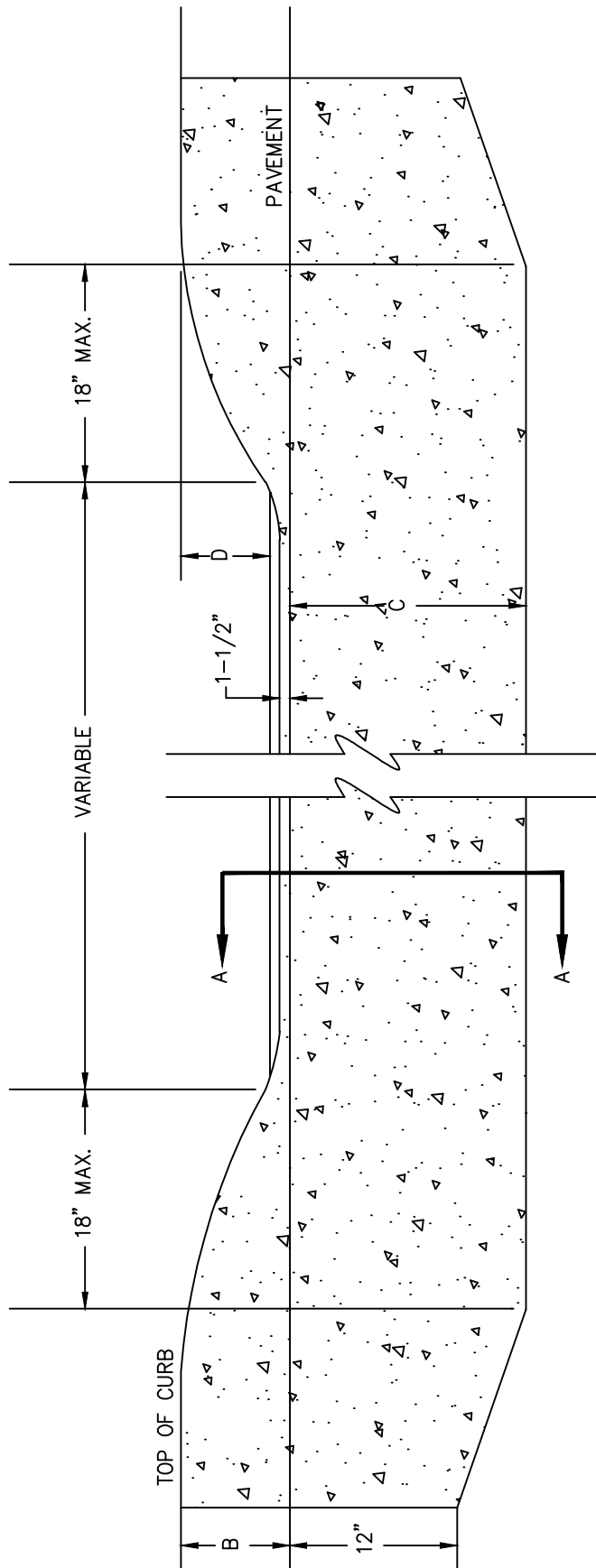
DESIGN SPEED = V (MPH)	CURB SIZE	DIM. A	MAXIMUM DIM. B
>40	9"X16"	16"	4"
≤40	9"X18"	18"	6"

NOTE:  
WHITE CONCRETE CURBING SHALL BE CONSTRUCTED WHERE SPECIFIED BY COUNTY ENGINEER.

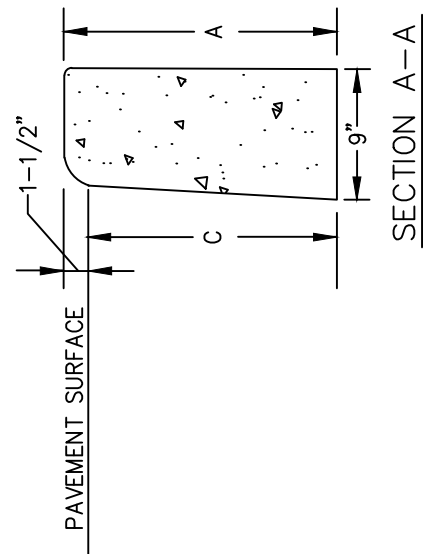
NOTE TO DESIGNER:  
REFER TO NJDOT ROADWAY DESIGN MANUAL FOR SPECIFIC TYPE AND LOCATION REQUIREMENTS.

# STANDARD CONCRETE CURB

FIG. # 1

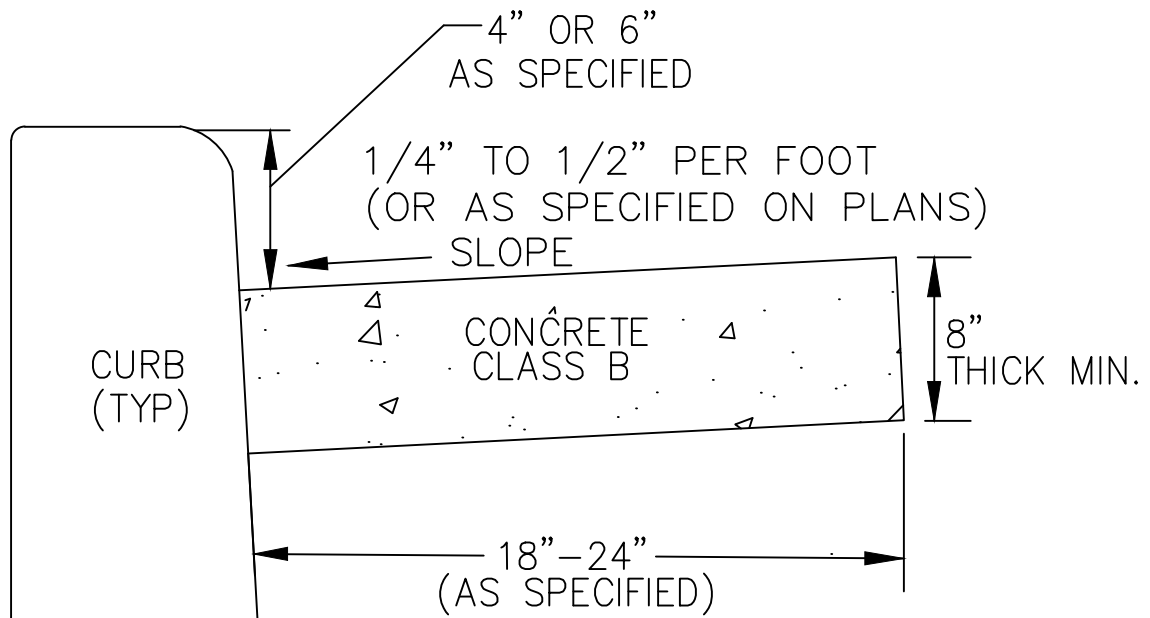


CURB SIZE	DIM. A	DIM. B	DIM. C	DIM. D
9"X16"	16"	4"	14"	2"
9"X18"	18"	6"	16"	4"



# DEPRESSED CURB AT DRIVEWAYS

FIG. # 2

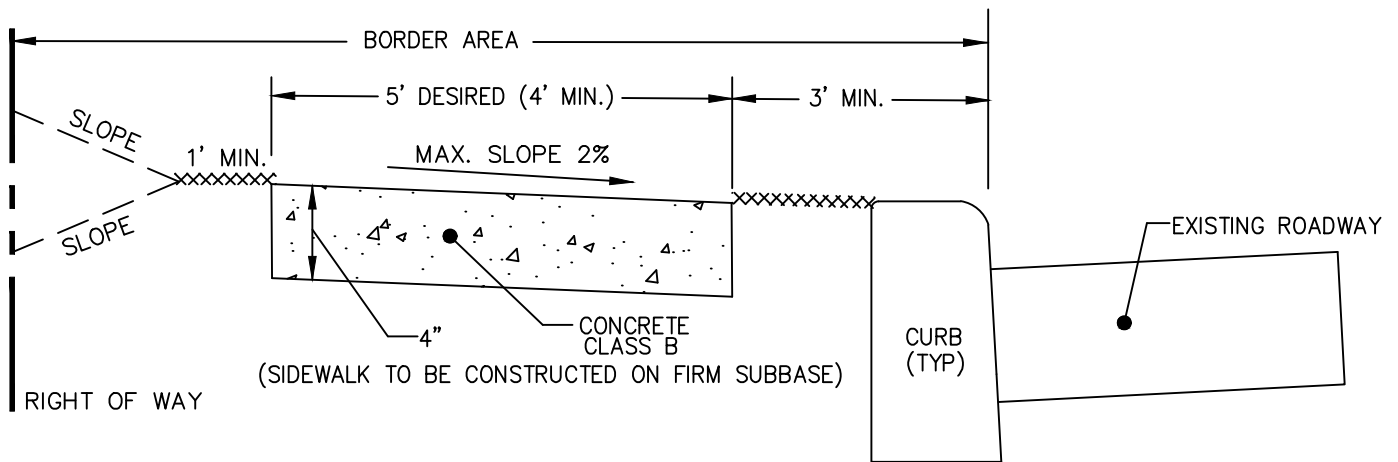


NOTE:

1. REINFORCED CONCRETE GUTTER SHALL BE REQUIRED AT: BUS STOPS, COMMERCIAL DRIVEWAYS, ROCKER/SWALE GUTTER AT INTERSECTIONS; AND FOR ENTIRE LIMITS OF TILTON ROAD (CR-563) BETWEEN BURTON AVENUE AND HINGSTON AVENUE.
2. CONTACT THE COUNTY'S DIVISION OF ENGINEERING FOR CONSTRUCTION REQUIREMENTS.

**STANDARD CONCRETE GUTTER**

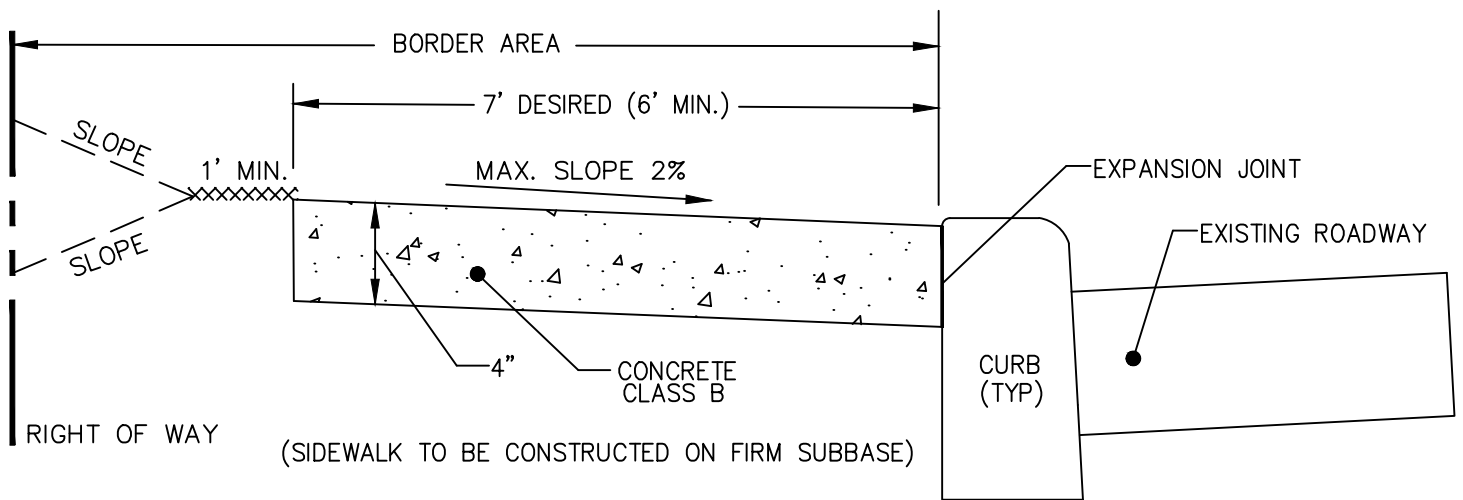
FIG. # **3**



NOTE TO DESIGNER:  
 REFER TO NJDOT ROADWAY DESIGN MANUAL'S "SIDEWALK DESIGN" SECTION FOR SPECIFIC REQUIREMENTS AND ADDITIONAL GUIDANCE.

TYPICAL SIDEWALK WITH PLANTER STRIP

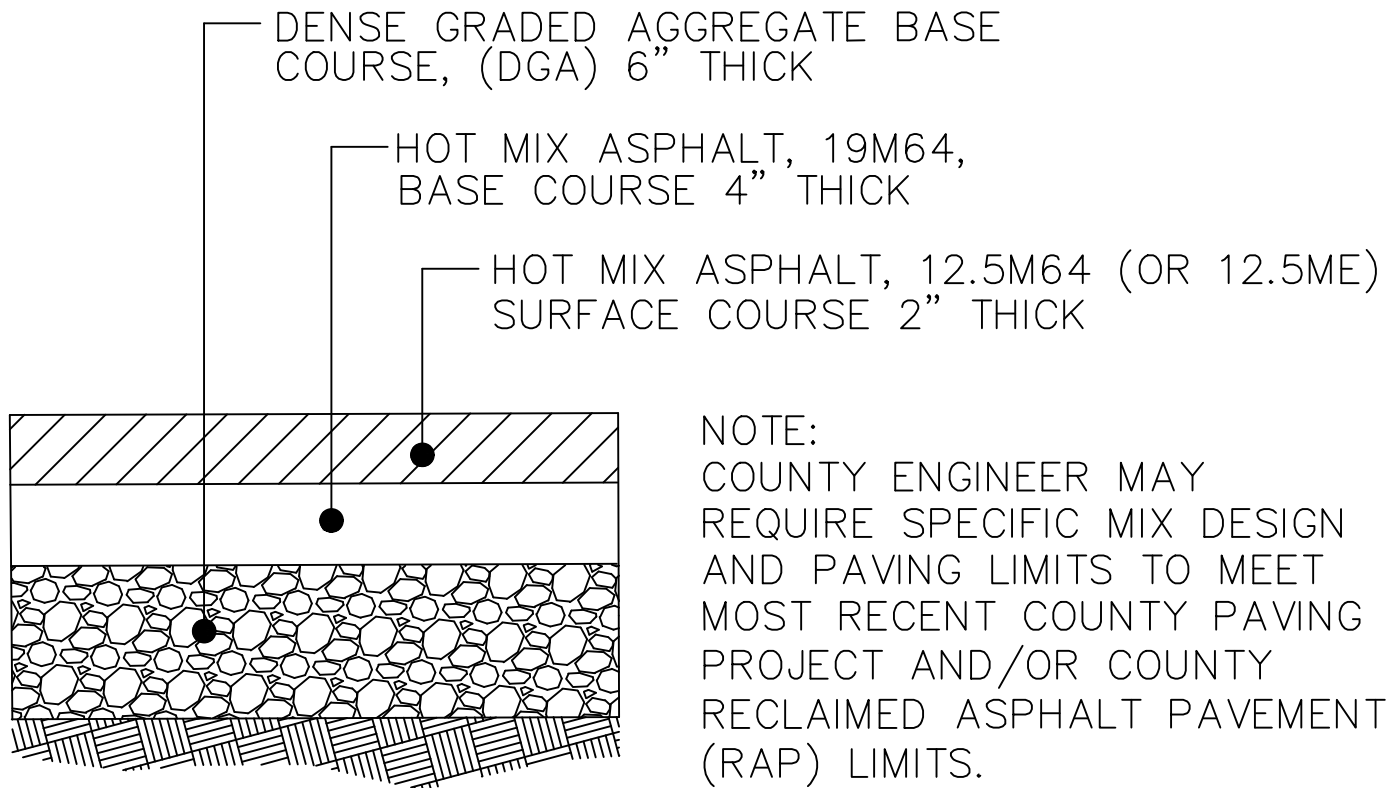
FIG. # 4



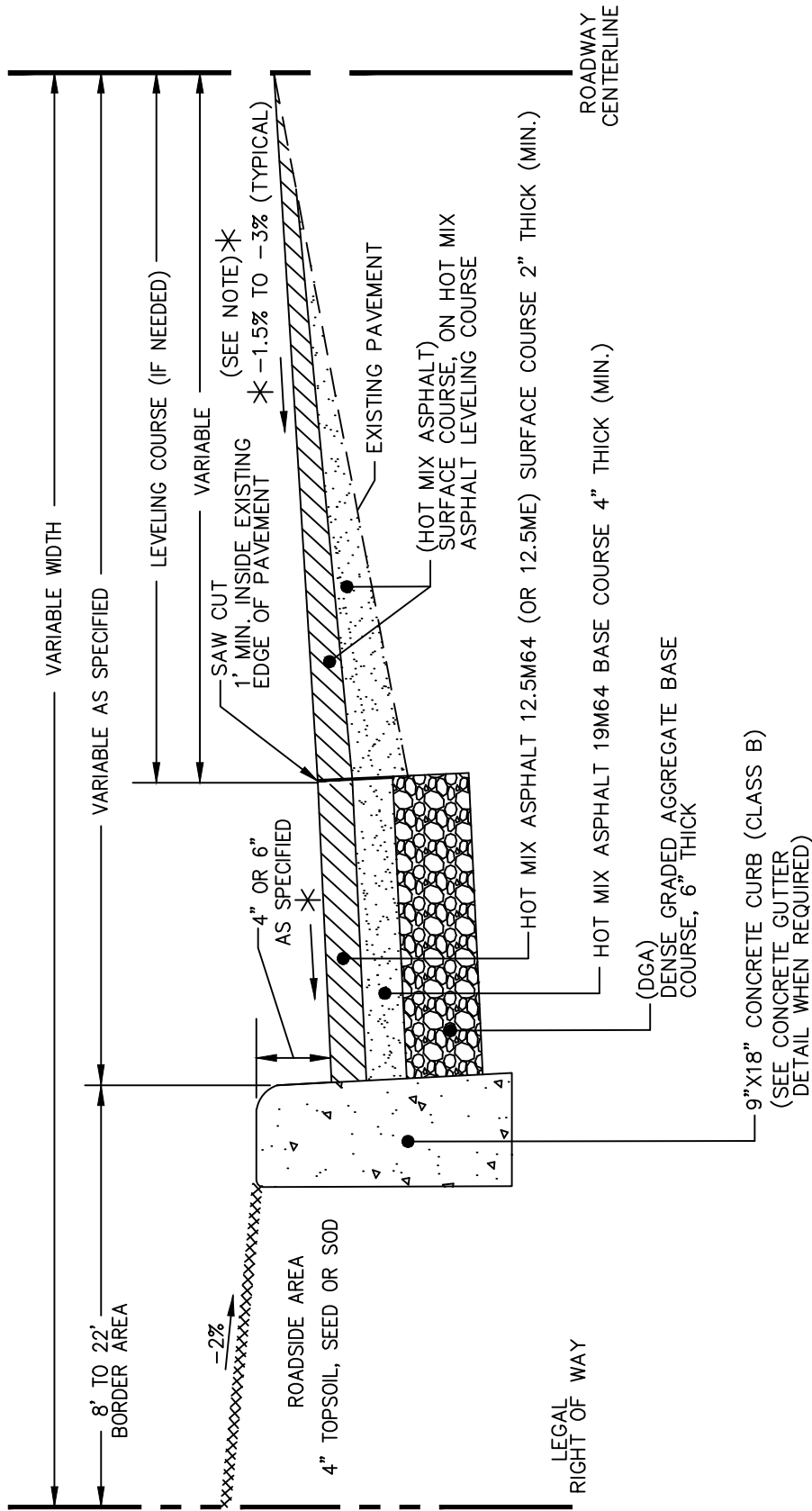
NOTE TO DESIGNER:  
 REFER TO NJDOT ROADWAY DESIGN MANUAL'S "SIDEWALK DESIGN" SECTION FOR SPECIFIC REQUIREMENTS AND ADDITIONAL GUIDANCE.

TYPICAL SIDEWALK ADJACENT TO CURB

FIG. # 5



STABLE SUBGRADE



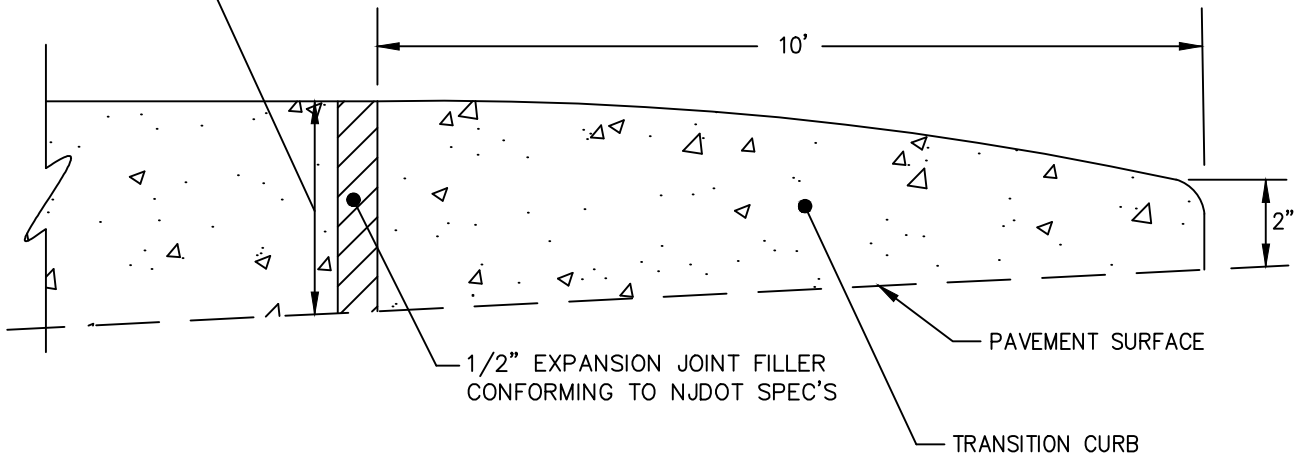
- NOTES:
- ALL ASPHALT USED ON COUNTY ROADWAYS OR WITHIN COUNTY R.O.W SHALL BE FROM A N.J.D.O.T. CERTIFIED PLANT.
  - COUNTY ENGINEER MAY REQUIRE SPECIFIC MIX DESIGN AND PAVING TO MEET MOST RECENT COUNTY PAVING PROJECT AND/OR COUNTY RECLAIMED ASPHALT PAVEMENT (RAP) LIMITS.

\* NOTE TO DESIGNERS:  
 REFER TO NJDOT ROADWAY DESIGN MANUAL'S "MAJOR CROSS SECTION ELEMENTS" FOR SPECIFIC REQUIREMENTS AND ADDITIONAL GUIDANCE.

# ROADWAY WIDENING SECTION

FIG. # 7

6" OR 8" FACE WHITE  
CONCRETE CURB AS  
DIRECTED

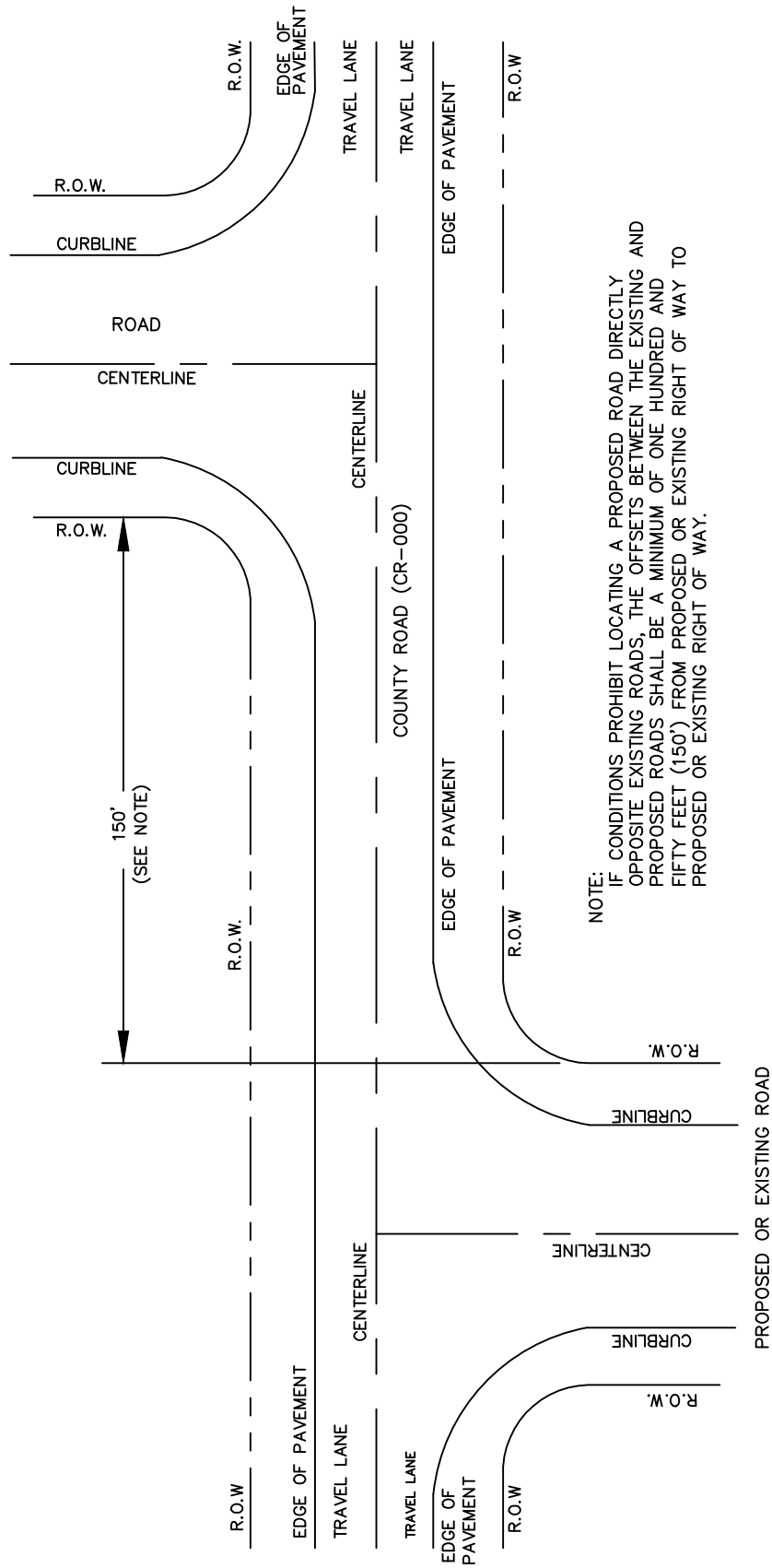


NOTE:  
REFER TO NJDOT CONSTRUCTION DETAILS FOR ALL  
CONSTRUCTION REQUIREMENTS.

## VERTICAL CURB TAPER

FIG. # 8



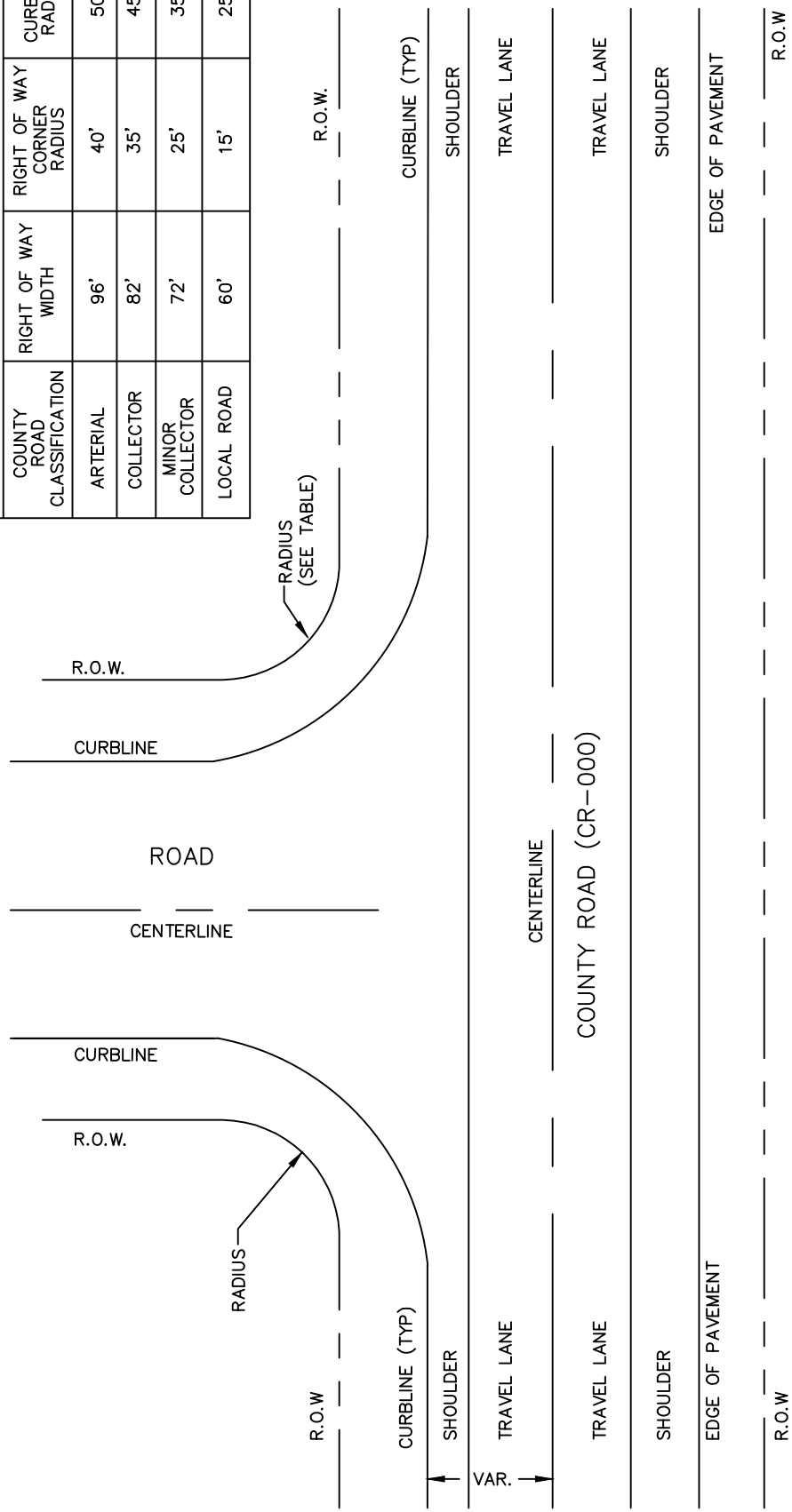


NOTE:  
 IF CONDITIONS PROHIBIT LOCATING A PROPOSED ROAD DIRECTLY  
 OPPOSITE EXISTING ROADS, THE OFFSETS BETWEEN THE EXISTING AND  
 PROPOSED ROADS SHALL BE A MINIMUM OF ONE HUNDRED AND  
 FIFTY FEET (150') FROM PROPOSED OR EXISTING RIGHT OF WAY TO  
 PROPOSED OR EXISTING RIGHT OF WAY.

# INTERSECTION SEPARATIONS

FIG. # 10

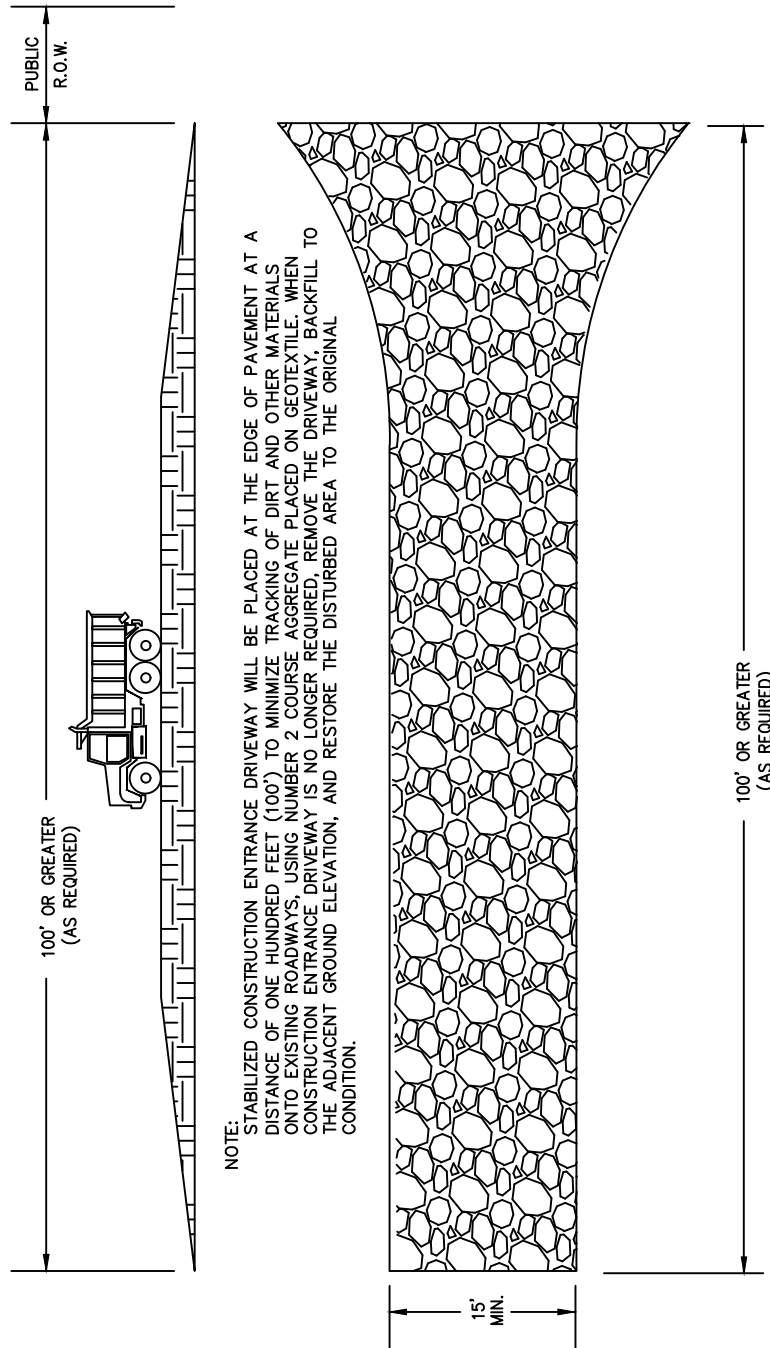
INTERSECTION DIMENSIONS			
COUNTY ROAD CLASSIFICATION	RIGHT OF WAY WIDTH	RIGHT OF WAY CORNER RADIUS	CURBLINE RADIUS
ARTERIAL	96'	40'	50'
COLLECTOR	82'	35'	45'
MINOR COLLECTOR	72'	25'	35'
LOCAL ROAD	60'	15'	25'



DRIVEWAY DIMENSIONS				
SITE	ONE WAY OPERATION		TWO WAY OPERATION	
	DRIVEWAY WIDTH (FT)	CURB RADIUS RETURN (FT)	DRIVEWAY WIDTH (FT)	CURB RADIUS RETURN (FT)
SINGLE FAMILY LOT	10-20	2 MIN.		
5-10 RESIDENTIAL UNITS	10-15	15 MIN.	24-28	15 MIN.
OVER 10 RESIDENTIAL UNITS	10-18	15 MIN.	24-30	15 MIN.
COMMERCIAL	10-20	15 MIN.	24-36	15 MIN.
INDUSTRIAL	10-24	25 MIN.	24-40	25 MIN.

# ROAD INTERSECTION CONFIGURATION

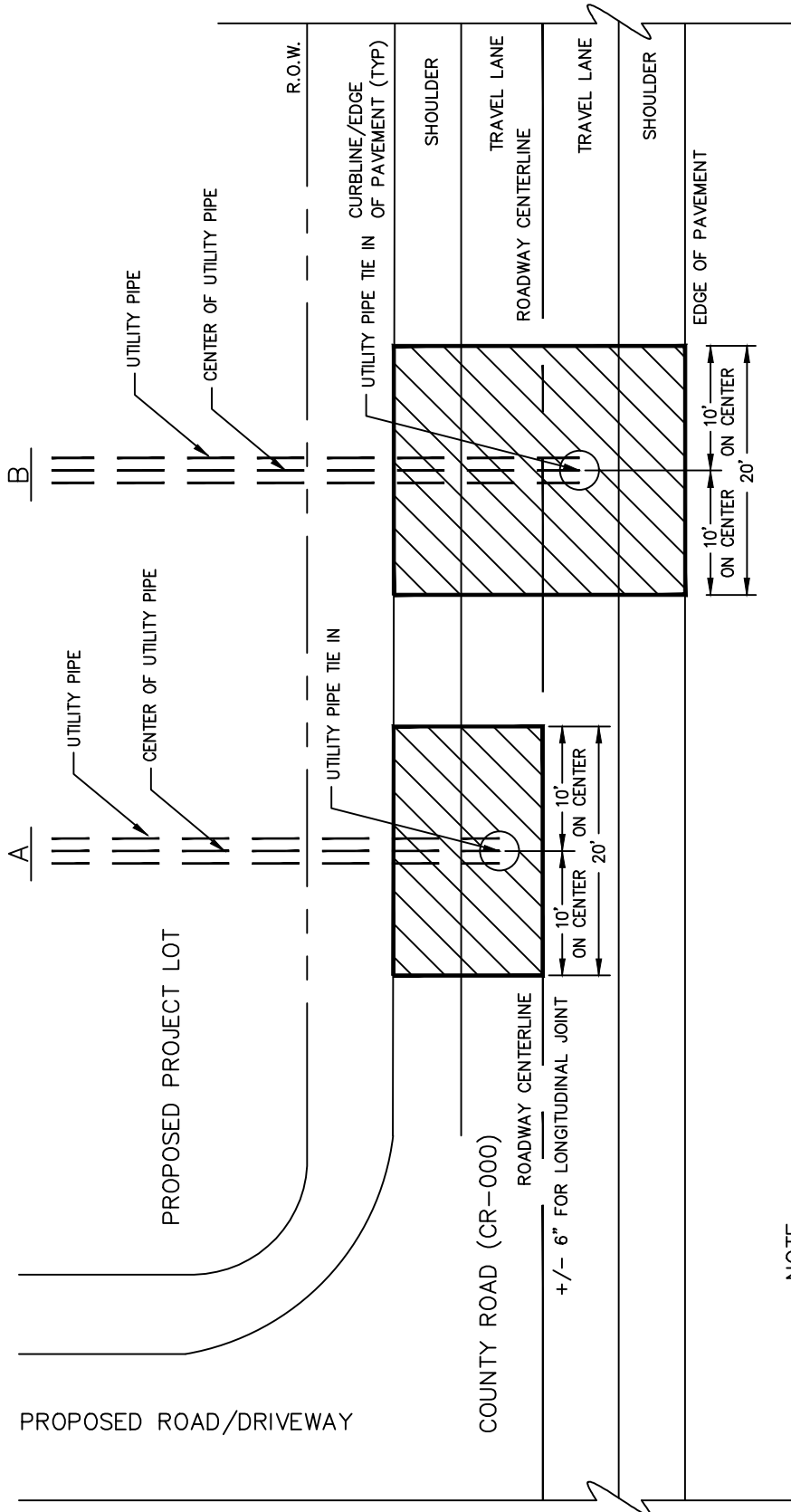
FIG. # 11



NOTE TO DESIGNER:  
REFER TO NJDOT AND/OR CAPE ATLANTIC  
SOIL AND SEDIMENT CONTROL STANDARDS  
FOR SPECIFIC GUIDANCE AND FULL  
REQUIREMENTS.

# STABILIZED CONSTRUCTION ENTRANCE

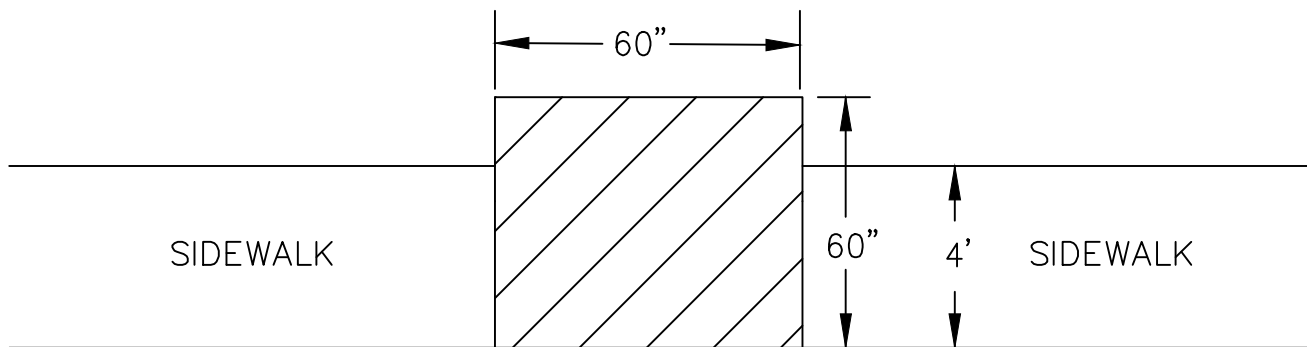
FIG. # 12



**NOTE:**  
 ALL PROPOSED UNDERGROUND UTILITIES THAT WILL BE TIED INTO EXISTING UNDERGROUND UTILITIES IN THE COUNTY ROADWAY SHALL REQUIRE A HALF LANE (A) AND/OR FULL LANE (B) OF HOT MIX ASPHALT 12.5M64 AT MINIMUM (OR 12.5ME) SURFACE COURSE, 2" THICK. FOR FINAL RESTORATION i.e AFTER INITIAL TRENCH RESTORATION'S SETTLEMENT PERIOD) THE PAVEMENT RESURFACING SHALL BE (AT MINIMUM) TEN FEET (10') ON CENTER OF PIPE WITH A TOTAL RESTORATION OF TWENTY FEET (20') FOR THE ENTIRE LENGTH OF THE UTILITY. HATCHING PROPOSED UTILITY TIE IN SHALL BE SHOWN ON PLAN AS PER DETAIL.

# ROADWAY UTILITY TIE IN MINIMUM FINAL RESTORATION LIMITS

FIG. # 13



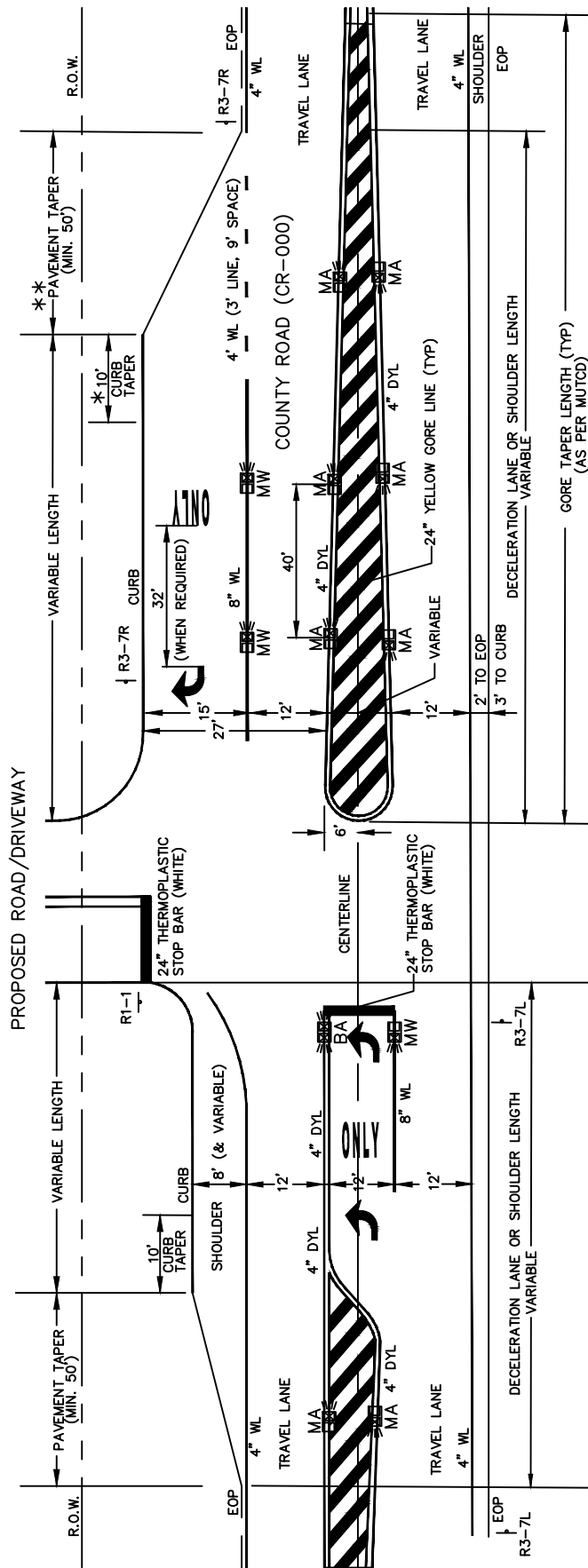
NOTE

AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 5' (60") SHALL PROVIDE PASSING SPACES AT INTERVALS OF TWO HUNDRED FEET (200') MAXIMUM. PASSING SPACES SHALL BE A SPACE SIXTY INCH (60") MINIMUM BY SIXTY INCH (60") MINIMUM. (AS PER SECTION 403.5.3 PASSING SPACES, 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN)

**ADA ACCESSIBLE ROUTE FOR  
4' WIDE (MIN.) SIDEWALK**

FIG. # 14





LEGEND	
EOP	EDGE OF PAVEMENT
WL	WHITE LINE
DYL	DOUBLE YELLOW LINE
MA	RPM, MONO-DIRECTIONAL, AMBER LENSE
BA	RPM, BI-DIRECTIONAL, AMBER LENSE
MA	RPM, MONO-DIRECTIONAL, WHITE LENSE
R1-1	30"X30" STOP SIGN ON BREAK-A-WAY POST
R3-7R	"RIGHT LANE MUST TURN RIGHT"
R3-7L	"LEFT LANE MUST TURN LEFT"

- U NOTE:
- RAISED PAVEMENT MARKER (RPM) SPACING SHALL BE AS PER MUTCD STANDARDS.
  - FOR ALL LOCATIONS ON COUNTY ROADS, THE VARIABLE "N" IS EQUAL TO EIGHTY FEET (80'). AT LOCATIONS WITHOUT CHANNELIZING MARKINGS, RPMs SHALL BE SPACED AT N AT LOCATIONS WITH CHANNELIZING MARKINGS AND/OR DEDICATED TURN LANES, RPMs SHALL BE SPACED AT N/2 FEET FOR CHANNELIZING MARKINGS AND ON ALL LANE LINES BORDERING DEDICATED TURN LANES, (SEE ABOVE).

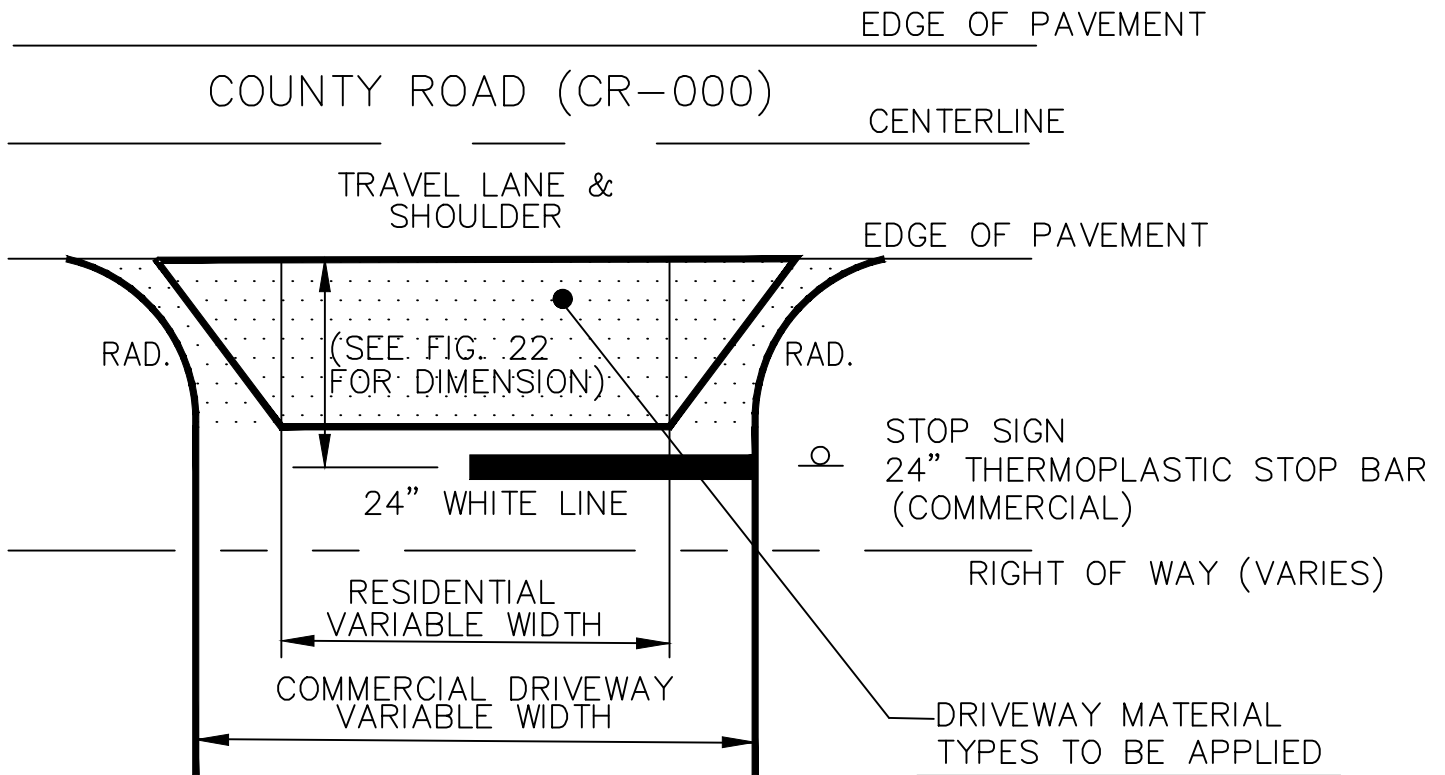
NOTES TO DESIGNER:  
 \*10' REVEAL TAPER ONLY REQUIRED IF PAVEMENT TAPER HAS NO CURB.  
 \*\* APPROACH TAPER LENGTH SHALL BE CONSISTENT WITH ASSHTO POLICY. THE FIFTY FEET (50') MINIMUM TAPER LENGTH STATED IS FOR URBAN AREAS.

REFER TO NJDOT ROADWAY DESIGN MANUAL'S "AUXILIARY LANES" SECTION FOR ADDITIONAL GUIDANCE.

# AUXILIARY LANE

## LEFT TURN LANE AND TYPICAL STRIPING AND SIGNAGE INFORMATION

FIG. # 16



NOTES:

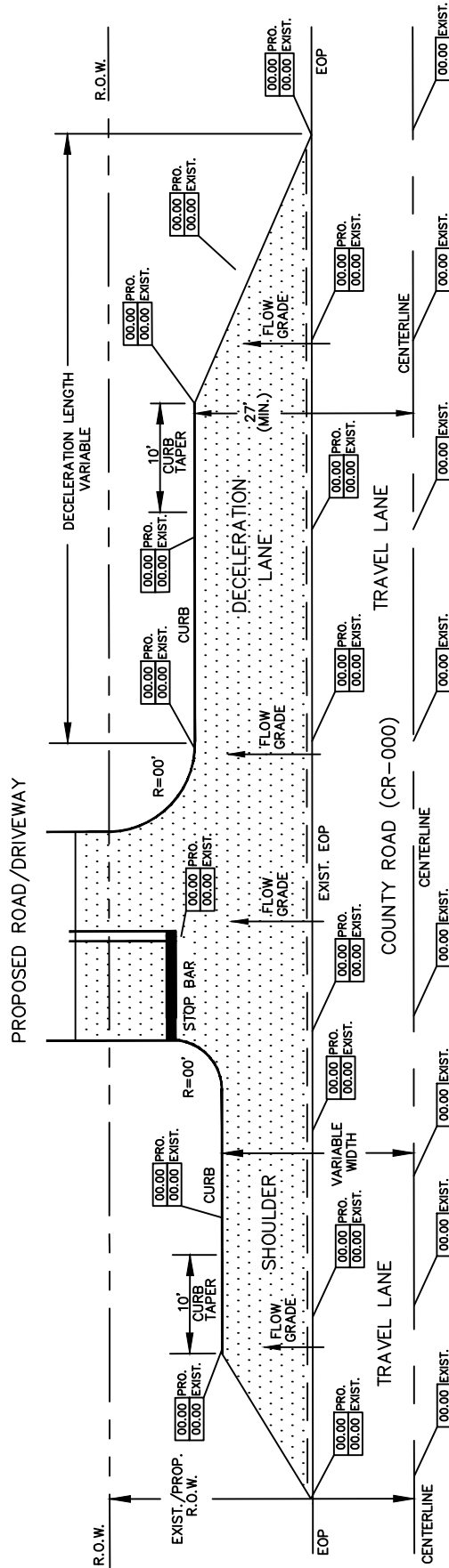
DRIVEWAY RADIUS SHALL BE A MIN. OF 25' OR SHALL ACCOMMODATE THE REQUIRED TRUCK TURNING TEMPLATE FOR THE PROPOSED PROJECT.

IF A PEDESTRIAN ROUTE IS EXISTING OR PROPOSED ACROSS THE DRIVEWAY, THE DRIVEWAY DESIGN SHALL INCORPORATE THE PROPER SLOPES AND TRANSITIONS TO MEET ADA STANDARDS. (SEE FIGURE 22 FOR A CONCRETE SIDEWALK/DRIVEWAY)

1. HOT MIX ASPHALT, 9.5M64 SURFACE COURSE VARIABLE THICK (EXISTING ASPHALT DRIVEWAY)
2. HOT MIX ASPHALT, 9.5M64 SURFACE COURSE, 4" THICK (MIN.), (NEW ASPHALT DRIVEWAY)
3. CONCRETE 6" THICK (MIN.) (CONCRETE CLASS B, REINFORCED)

COMMERCIAL DRIVEWAYS ARE TO MEET NJDOT/COUNTY STANDARDS. ie: RADIUS, TURNING TEMPLETES, ETC.

(FIG. 17 REVISED 07-16-25)

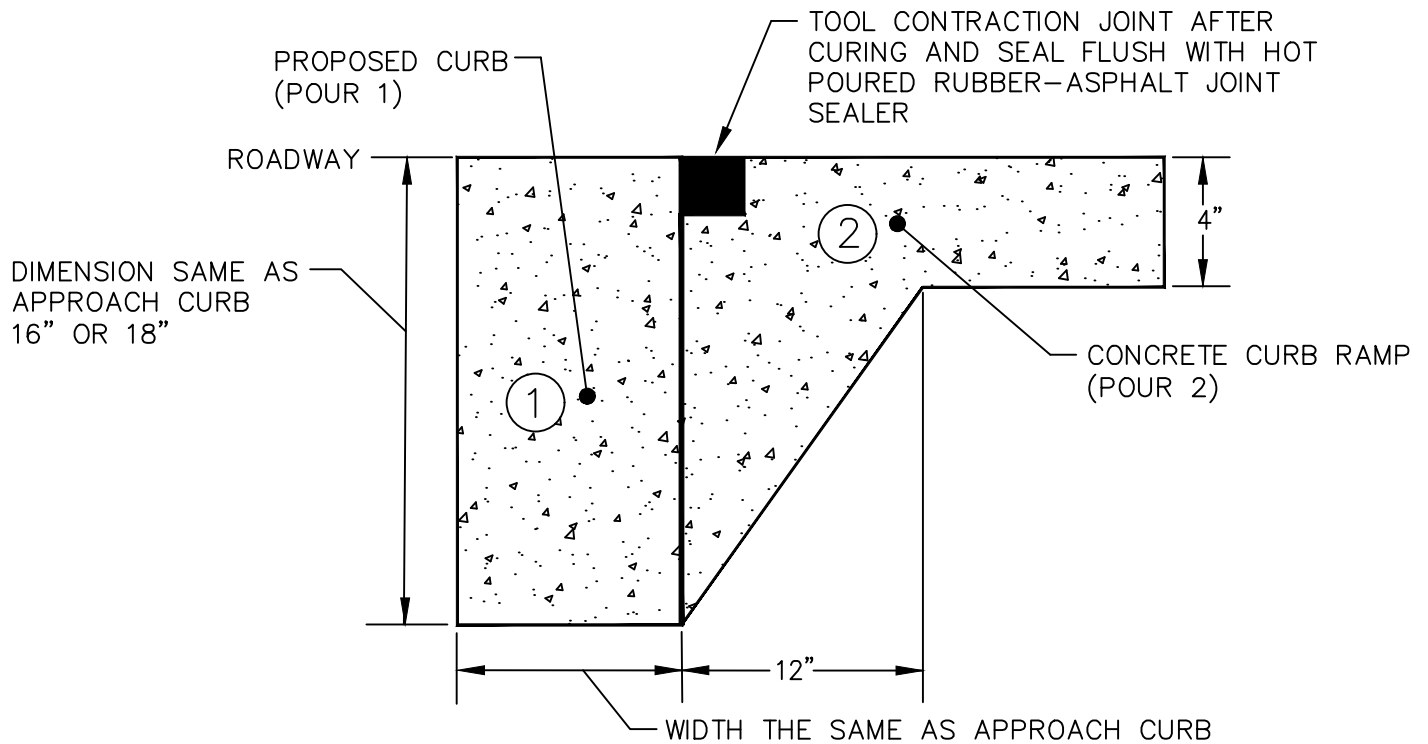


NOTE:  
 GRADE LEGEND: PROPOSED (PRO.), EXISTING (EXIST.)  
 ALL PROPOSED AND EXISTING GRADES TO BE SHOWN  
 ON PLAN. FLOW GRADES (SLOPES) SHALL BE -2%  
 (MIN.) TO PROPOSED CURB; EOP AND HAVE POSITIVE  
 FLOW OFF ROADWAY.

NOTE TO DESIGNER:  
 REFER TO NJDOT ROADWAY DESIGN MANUALS  
 "MAJOR CROSS SECTION ELEMENT" FOR  
 SPECIFIC REQUIREMENTS AND ADDITIONAL  
 GUIDANCE.

# AUXILIARY LANE-GRADING INFORMATION

FIG. # 18

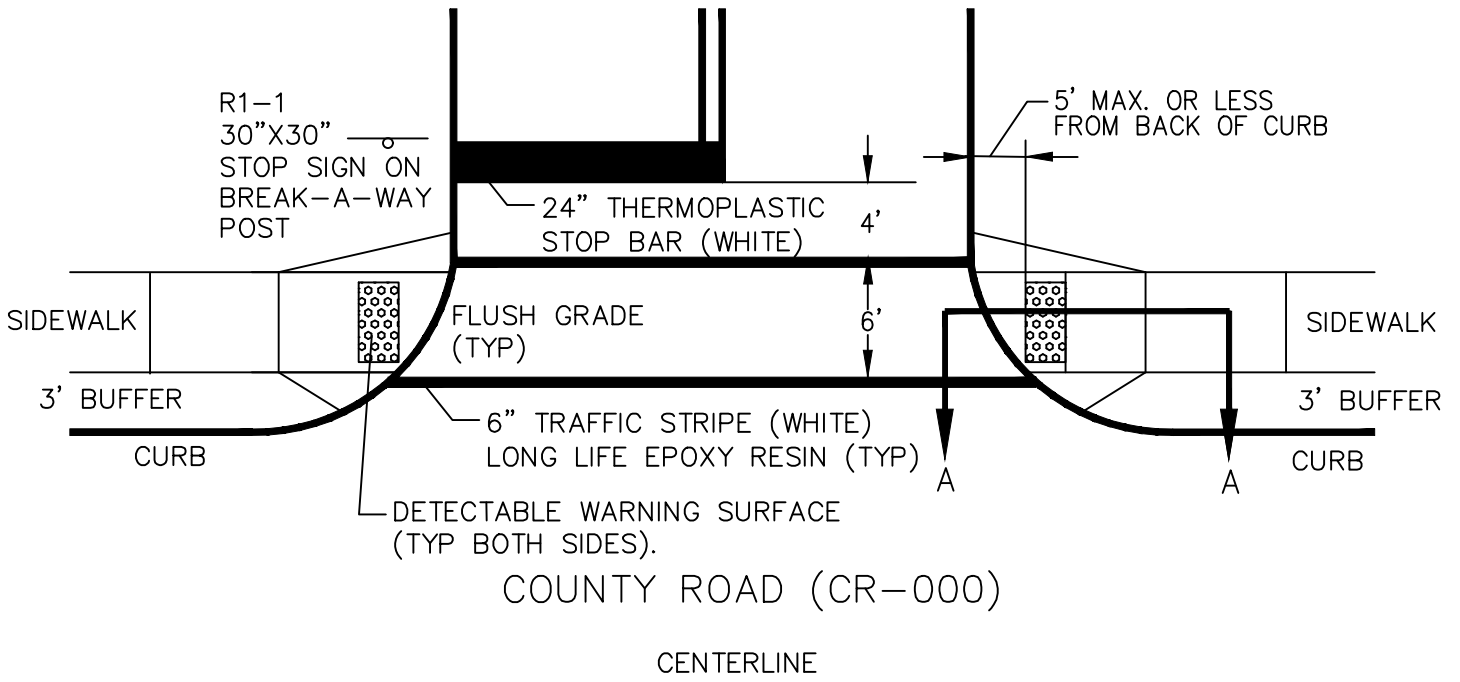


NOTE:  
 THIS REPLACES A PORTION OF NJDOT CONSTRUCTION  
 DETAIL REGARDING "DROPPED CURB AND CRADLE" ALL  
 OTHER NJDOT DETAILS AND STANDARDS WILL APPLY.

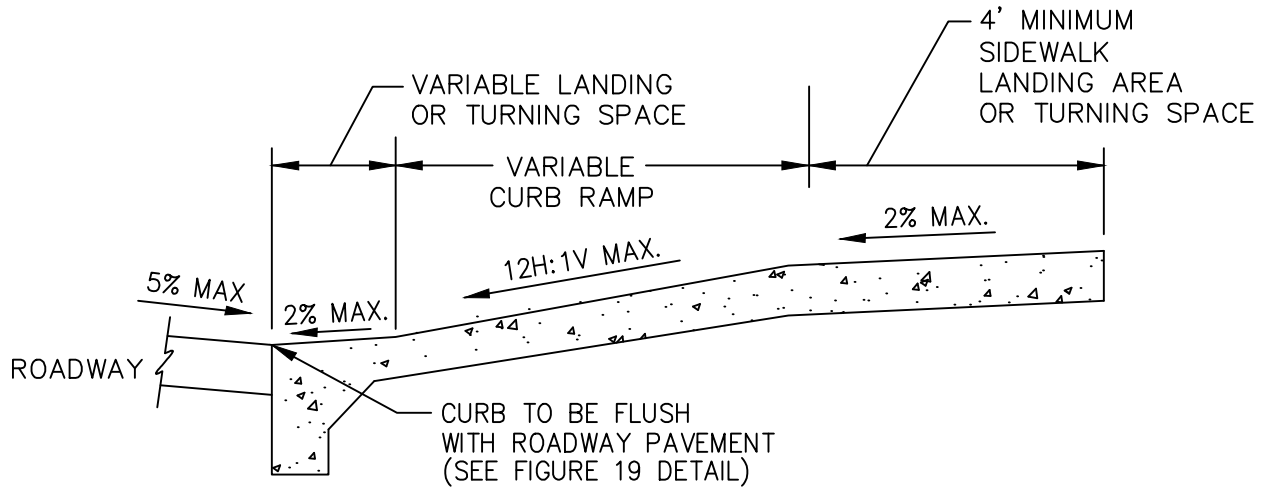
**DROPPED CURB AND CRADLE**  
 (FOR PUBLIC CURB RAMP)

FIG. # 19

LOCAL STREET OR  
COMMERCIAL DRIVEWAY



CURB RAMP TO BE PARALLEL TO  
CENTERLINE OF ROADWAY

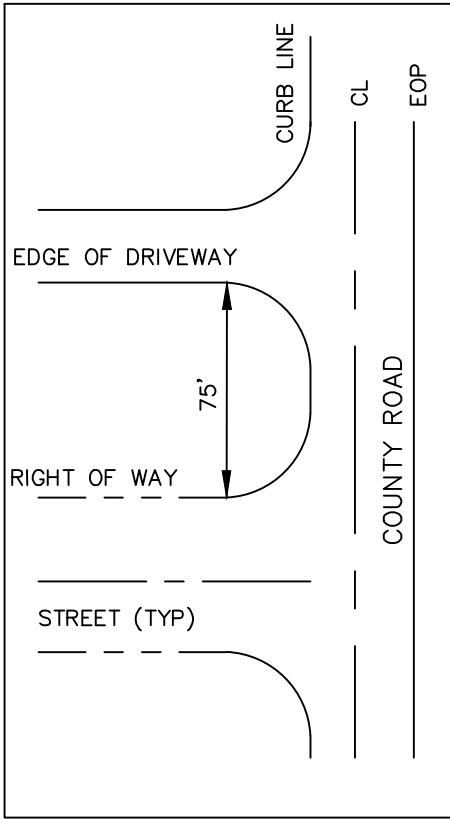


SECTION A-A

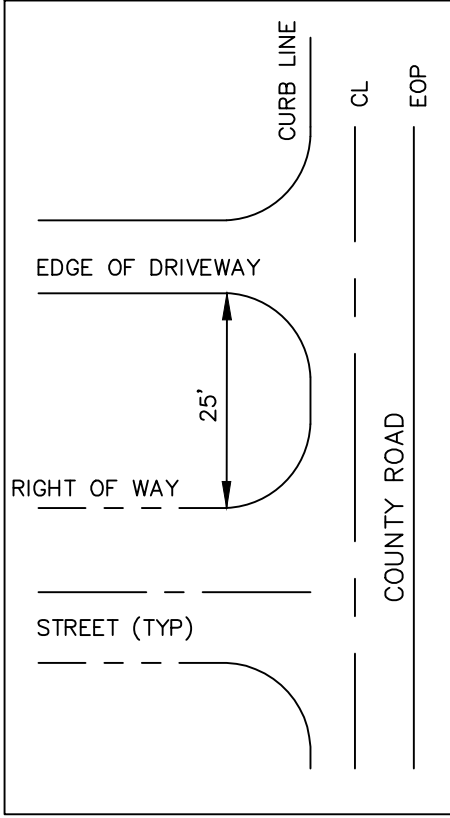
NOTE TO DESIGNER:  
REFER TO BOTH NJDOT ROADWAY DESIGN MANUAL  
AND CONSTRUCTION DETAILS FOR ALL GUIDANCE  
AND REQUIREMENTS.

TYPICAL CURB RAMP TYPE 5

FIG. # 20



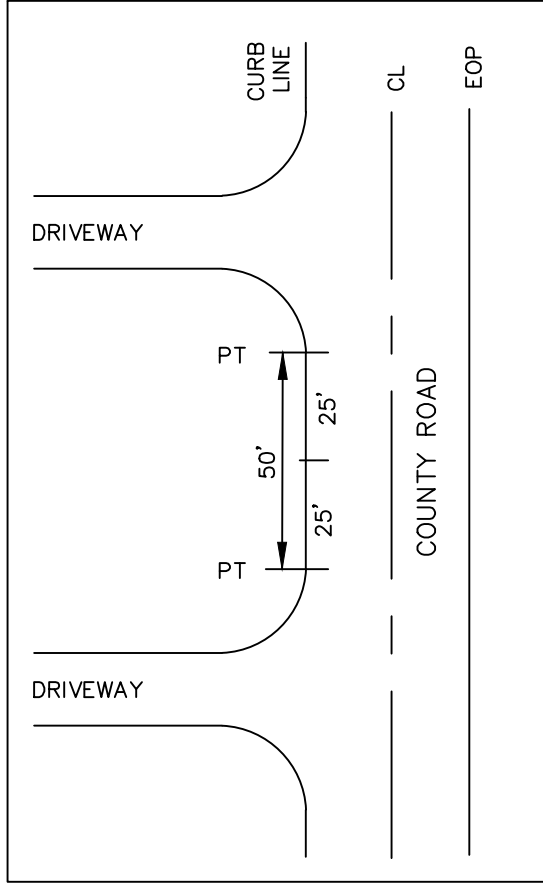
i NON SINGLE FAMILY DRIVEWAY



ii SINGLE FAMILY DRIVEWAY

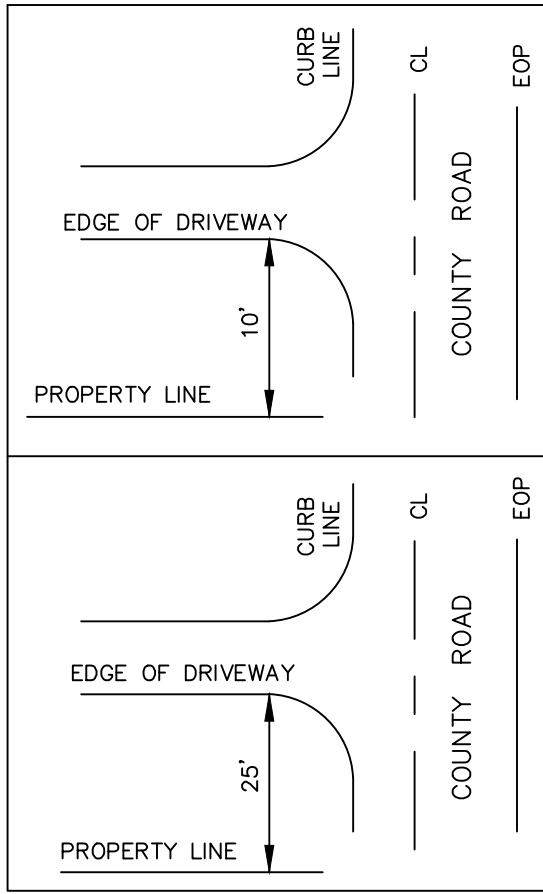
MINIMUM DISTANCE BETWEEN DRIVEWAY AND STREET INTERSECTION

704.1.C



MINIMUM DISTANCE BETWEEN ADJACENT DRIVEWAYS

704.1.D

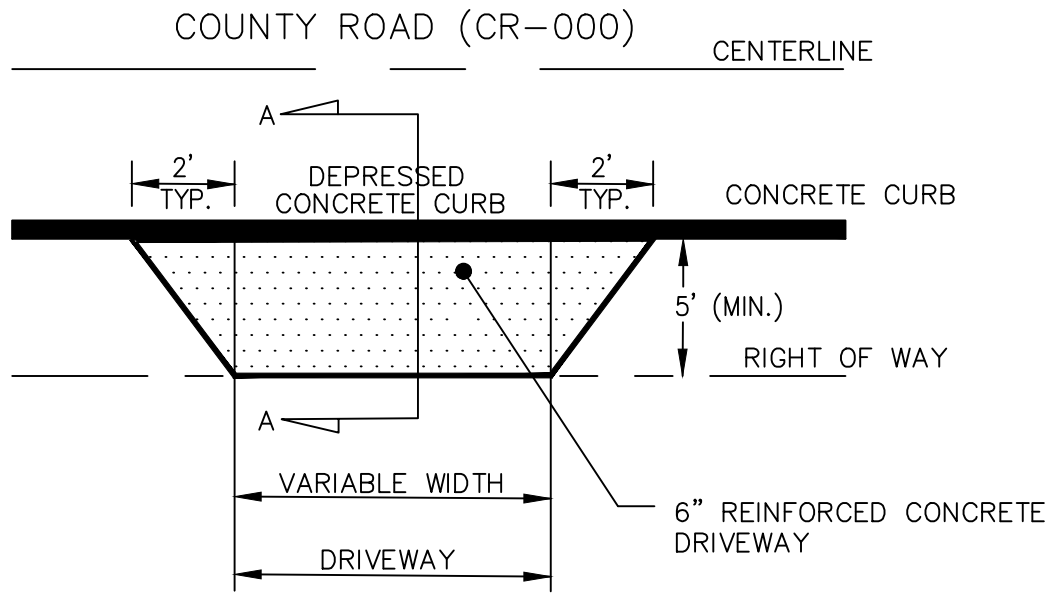


i NON SINGLE FAMILY DRIVEWAY

ii SINGLE FAMILY DRIVEWAY

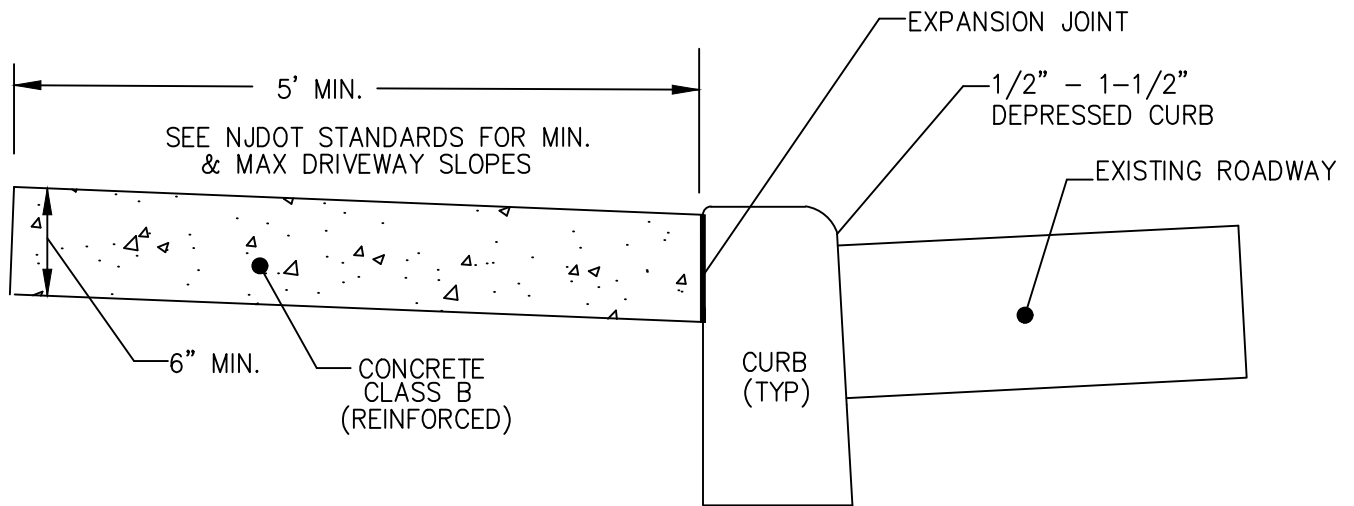
MINIMUM DISTANCE BETWEEN DRIVEWAY AND PROPERTY LINE

704.1.E



NOTE:

IF A PEDESTRIAN ROUTE IS EXISTING OR PROPOSED ACROSS THE DRIVEWAY, THE DRIVEWAY DESIGN SHALL INCORPORATE THE PROPER SLOPES AND WIDTHS TO MEET ADA STANDARDS. IF SIDEWALK IS IN PROPOSED DRIVEWAY AREA, SIDEWALK SHALL ALSO BE 6" THICK. SEE NJDOT STANDARDS FOR MIN. & MAX. DRIVEWAY SLOPES.



A-A CROSS SECTION DETAIL