MODIFY EXIST. CATCH BASIN TO DROP INLET. INSTALL CITY STANDARD FRAME AND GRATE.

EXIST. CATCH BASIN
EXIST. LATERAL
(12" MIN.)

NEW STANDARD CURB INLET
CATCH BASIN

FLOOR

WEAKENED PLANE
JUNCT.

COLD JOINT
DOWELS REQUIRED
SEE DETAIL ST-18

NEW STANDARD DRIVEWAY

COLD JOINT
DOWELS REQUIRED
SEE DETAIL ST-18

VARIES

39"

24"

12" R.C.P. @ 2% MIN.

FLOW

SECTION A—A
NO SCALE

TOP OF
SIDEWALK

TOP OF
DRIVEWAY

STANDARD FRAME & GRATE
(SEE DETAIL SD-6)

14"

24"

19"

12"

18" (TYP.)

2 - #4 X 12" DOWELS
(TYP. ON EACH WALL)

6 - #4 REBARS @ 6" O.C.

4 - #4 X 32" REBARS

2 - #4 X 12" DOWELS
(TYP. ON EACH WALL)

EXISTING CATCH BASIN

NEW LATERAL

NOTES:

1. THIS METHOD OF CONNECTING A NEW CURB INLET IS TO
BE USED ONLY IF THE EXISTING CATCH BASIN AND LATERAL
ARE IN GOOD CONDITION AND THE LATERAL IS AT LEAST
12" I.D., OTHERWISE THE EXISTING CATCH BASIN SHALL
BE REMOVED OR FILLED IN AND A NEW LATERAL INSTALLED
FROM THE NEW CURB INLET TO THE NEAREST MANHOLE.

2. CONSTRUCT NEW CURB INLET ON THE UPSTREAM SIDE OF
NEW DRIVEWAY OR "LONGER UPSTREAM RUN" SIDE OF
DRIVEWAY IF ORIGINAL CATCH BASIN IS CONSTRUCTED AT A
LOW POINT.