RETURN NO. 1

RETURN NO. 2

RETURN NO. 3

RETURN NO. 4

NOTE: Return configurations for each quadrant must be analyzed independently to assure adequate return pavement for semi-trailer inside tracking. The depicted design only applies where roads and streets intersect at 90° to the mainline and have centerslines common with the opposing road or street. Swept paths are by AutoTURN 4.0 for the AASHTO 2001 SU and WB-40 tractor-semitrailer.

RETIRED:

Three Centered Compound Curves For 2/8

Simple Curve With Taper Not Shown

40' Radius 115 And 18 Taper With

2' And 8' Offset Tested (Practical/Fx)

SWEPT PATH LEGEND:

WB 40

SU

RETURN NO. 3

RETURN NO. 4

NOTE: Return configurations for each quadrant must be analyzed independently to assure adequate return pavement for semi-trailer inside tracking. The depicted design only applies where roads and streets intersect at 90° to the mainline. Swept paths are by AutoTURN 4.0 for the AASHTO 2001 SU and WB-40 tractor-semitrailer.

40' MEDIAN • 4—LANE DIVIDED • PARALLEL TURN BAY

2001 AASHTO SU & WB-40
NOTE: Return configurations for each quadrant must be analyzed independently to assure adequate return pavement for semi-trailer inside tracking and for 4' minimum clearance between trucks making opposing movement. The depicted design only applies where roads and streets intersect at 90° to the mainline and have cornerlines common with the opposing road or street. Swept paths are by AutoTURN 4.0 for the AASHTO 2001, WB-50 tractor-semi trailer.

Retours Depicted:
Simple Curve With Tapers For Returns Nos. 1, 2, & 4 (Best Configuration):
70' Radius 1'10 And 1'12 Tapers
2' And 6'12' Offset
Three Centered Compound Curves For Return No. 3:
120'-60'-200' Rads 2' And 13' Offsets

40' MEDIAN 4-LANE DIVIDED • PARALLEL TURN BAY • 2001 AASHTO WB-50
NOTE: Return configurations for each quadrant must be analyzed independently to assure adequate return pavement for semi-trailer inside tracking. The depicted design only applies where roads and streets intersect at 90°, to the mainline and have centerlines common with the opposing road or street. Swept paths are by AutoTURN 4.0 for the AASHTO 2001 SU and WB-40 tractor-semitrailer.