

NW 1/4 Sec. 35
T.4 S., R. 67 W.

SW 1/4 Sec. 35
T.4 S., R. 67 W.

FED. ROAD DIST. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	U 016-1(33)	10

Grades as shown are subject to modification during construction after approval by the Denver Office. Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for the convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction, the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.



NE 1/4 Sec. 34
T.4 S., R. 67 W.

SE 1/4 Sec. 34
T.4 S., R. 67 W.

LEGEND

Sonitary Sewers

- Existing sanitary sewer
- Existing manhole requiring new work

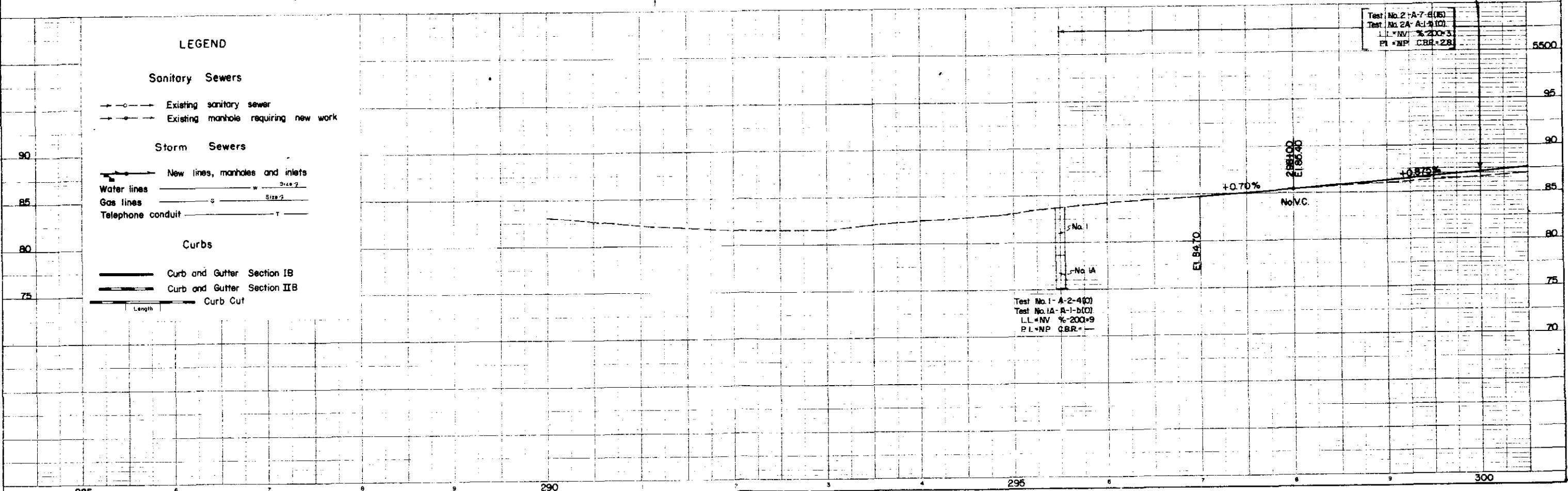
Storm Sewers

- ▲— New lines, manholes and inlets
- Water lines — W — Size 2
- Gas lines — G — Size 2
- Telephone conduit — T —

Curbs

- Curb and Gutter Section IB
- Curb and Gutter Section IIB
- Curb Cut

Length



PLAN

PROFILE

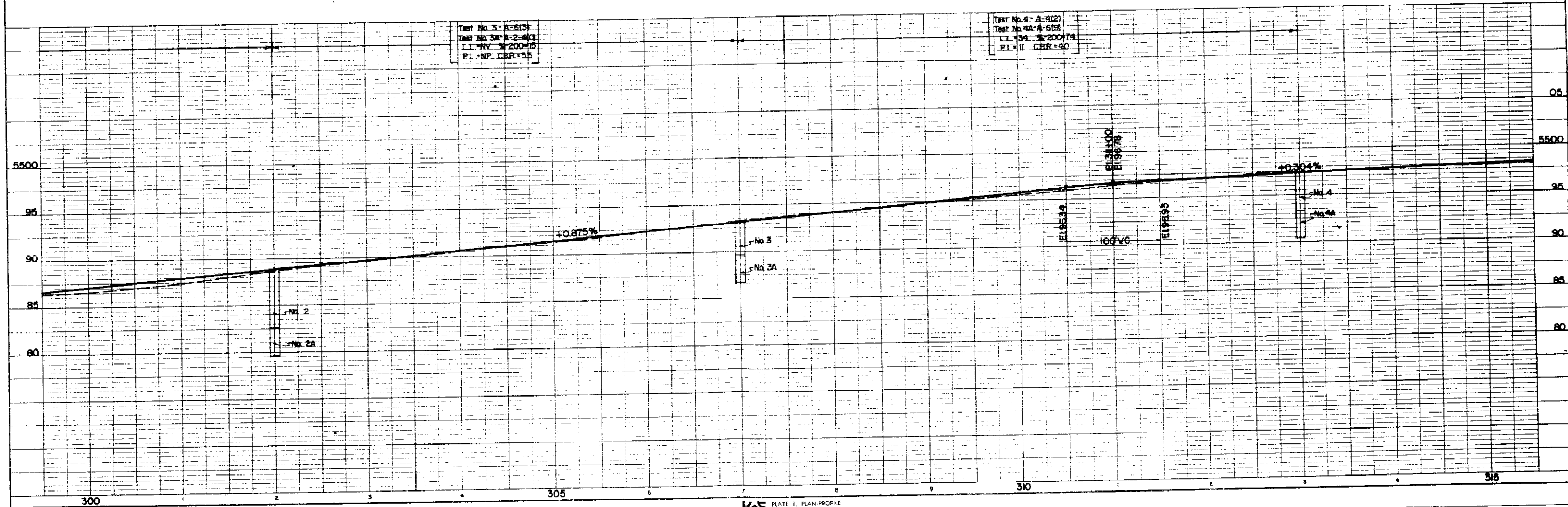
300B
 300+00 - Req'd. Type 3 Inlet Lt.
 H = 3.0'
 Rim = 86.34 Inv. = 83.34
 15"X25' Culvert Pipe to Lt.
 F.L. Out = 81.2
 1 - End Section

300A
 300+00 - Req'd. Type 3 Inlet Rt.
 H = 3.0'
 Rim = 86.34 Inv. = 83.34
 15"X28' Culvert Pipe to Rt.
 F.L. Out = 80.5
 1 - End Section

307
 306+60 - Req'd. Inlet Type 3 Rt.
 H = 3.0'
 Rim = 92.12 Inv. = 89.12
 15"X21' Culvert Pipe to Rt.
 F.L. Out = 87.1
 1 - End Section

309
 309+40 - Req'd. Plug Exist. 24" C.M.P.
 Sta. 306+00 to Sta. 326+00 Lt.
 Slope Gutter to fit adjacent
 roadway slope.

312
 312+25 - Req'd. Inlet Type 3 (Dble.) Rt.
 H = 3.0'
 Rim = 96.35 Inv. = 93.35
 15"X22' Culvert Pipe to Rt.
 F.L. Out = 89.8
 1 - End Section



PLAN
 NOTE BOOK
 NO. 1016-1(33)

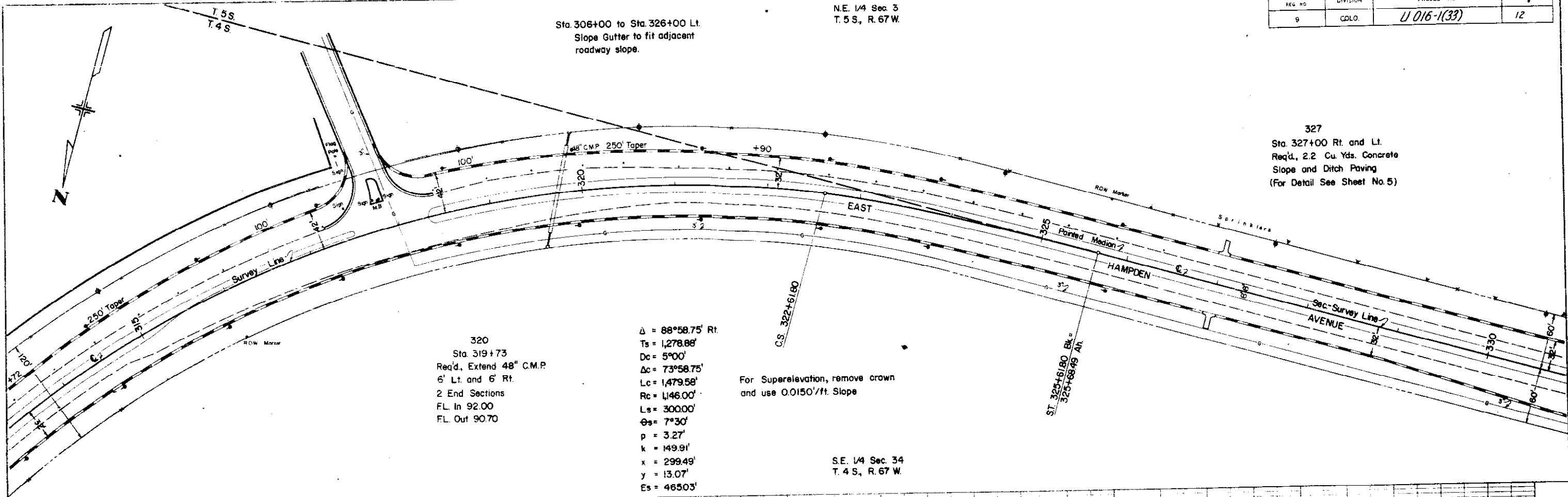
PROFILE
 NOTE BOOK
 NO. 1016-1(33)

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	U 016-1(33)	12

Sta. 306+00 to Sta. 326+00 Lt.
Slope Gutter to fit adjacent roadway slope.

NE 1/4 Sec. 3
T. 5 S., R. 67 W.

327
Sta. 327+00 Rt. and Lt.
Req'd. 2.2 Cu. Yds. Concrete
Slope and Ditch Paving
(For Detail See Sheet No. 5)



320
Sta. 319+73
Req'd. Extend 48" C.M.P.
6' Lt. and 6' Rt.
2 End Sections
FL In 92.00
FL Out 90.70

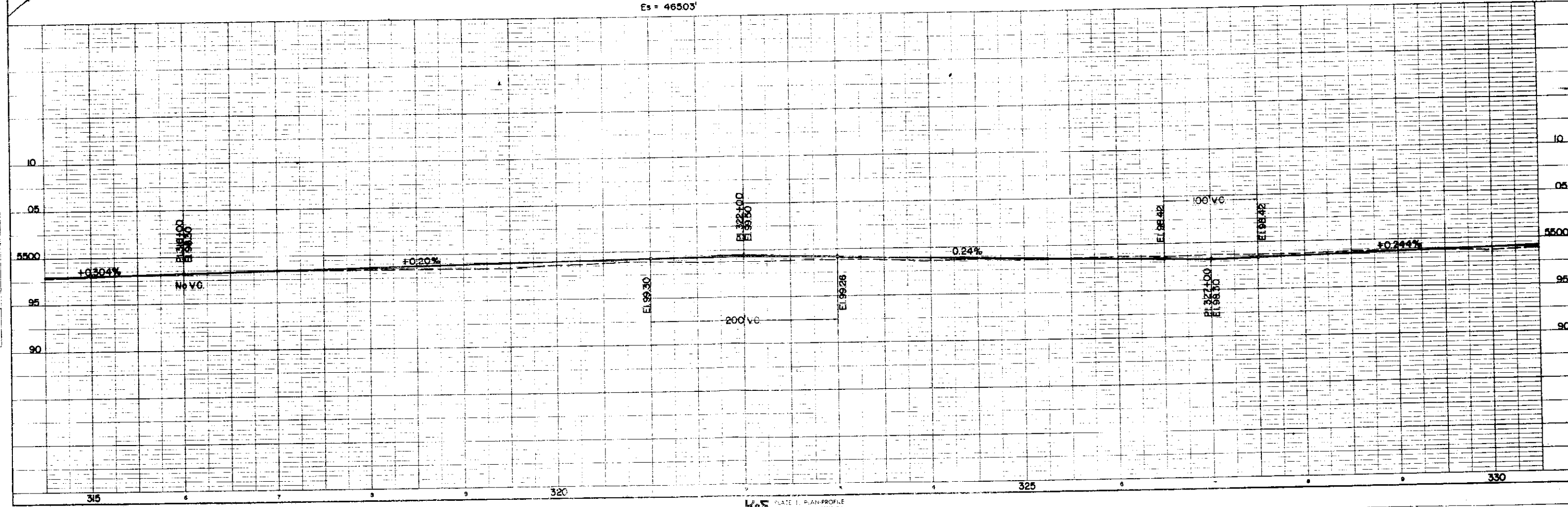
$\Delta = 88^{\circ}58.75'$ Rt.
 $T_s = 1,278.68'$
 $D_c = 5^{\circ}00'$
 $\Delta c = 73^{\circ}58.75'$
 $L_c = 1,479.58'$
 $R_c = 1,146.00'$
 $L_s = 300.00'$
 $\Theta_s = 7^{\circ}30'$
 $p = 3.27'$
 $k = 149.91'$
 $x = 299.49'$
 $y = 13.07'$
 $E_s = 465.03'$

For Superelevation, remove crown
and use 0.0150'/ft. Slope

SE 1/4 Sec. 34
T. 4 S., R. 67 W.

PLAN

PROFILE



N.E. 1/4 Sec 3
T.5 S., R.67 W.

N.W. 1/4 Sec. 3
T.5 S., R.67 W.

U 016-1(33) 13

340
Sta. 340+00 Req'd, Extend 24" C.M.P.
20' Lt. and 16' Rt.
F.L. in 00.3
F.L. out 98.2
2 Corrugated Steel End Sections
341
Sta. 341+65 Req'd, Extend 18" C.M.P.
Side Drain 10' East and West

341 B
341+00 Req'd. Inlet Type 3 (Dble) Lt.
H = 30'
Rim = 06.72 Inv. = 03.72
15" X 64' Culvert Pipe to 341A

FUTURE CONNECTION
TO I225

339+ to 343+
Req'd, Drainage Ditch Rt.
(W = 5')

341 A
341+00 - Req'd. Inlet Type 3 (Dble.) Rt.
H = 37.5'
Rim = 06.72 Inv. = 02.97
15" X 18' Culvert Pipe to Ditch Rt.
1 End Section

FUTURE CONNECTION TO I225

344
Sta 343+83 Req'd, 36" X 116'
Culvert Pipe, 2 End Sections

S.E. 1/4 Sec 34
T.4 S., R.67 W.

SW 1/4 Sec 34
T.4 S., R.67 W.

Test No. 1 - A-6(8)
L.L. = 37 % = 220+55
P.I. = 19 C.B.R. = 4.2
Test No. 2 - A-7-6(15)
L.L. = 47 % = 200+69
P.I. = 27 C.B.R. = 2.9

Test No. 3 - Asphalt
Test No. 3A - Gray Combed Sand
Test No. 3B - A-2-4(10)
Test No. 3C - A-7-6(14)
L.L. = 44 % = 200+69
P.I. = 26 C.B.R. = 3.1

