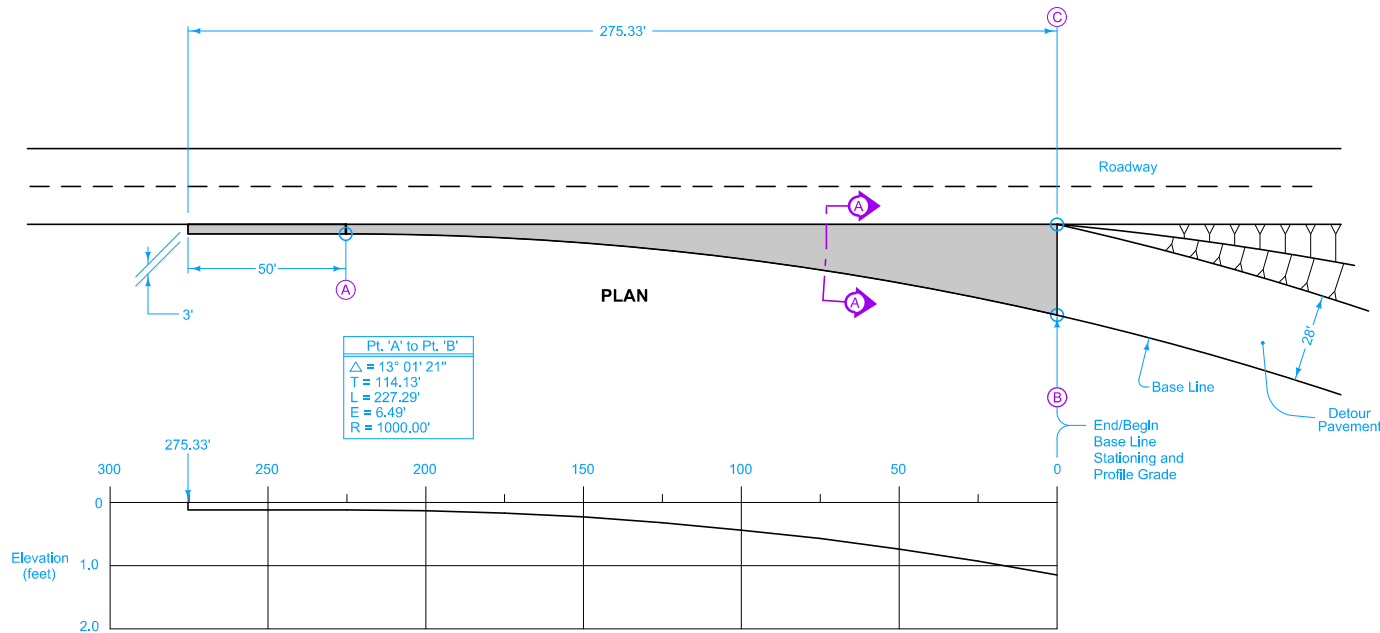Construct detour connection pavement and subbase the same thickness as detour pavement and subbase.

Detour connection pavement shown by shaded area is 305.30 square yards.
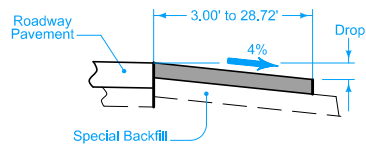
For joint details, see PV-101

275.33'

50'

3'

C

A

A

PLAN

Pt. 'A' to Pt. 'B'
△ = 13° 01' 21"
T = 114.13'
L = 227.29'
E = 6.49'
R = 1000.00'

Roadway

Base Line

28'

Detour Pavement

B

End/Begin
Base Line
Stationing and
Profile Grade

PROFILE

275.33'

| 300 | 250 | 200 | 150 | 100 | 50 | 0 |

Elevation (feet)
0
1.0
2.0

NOTE: The algebraic difference between profile grade for Ramp Base Line at (B) and relative profile grade of Mainline at (C) is 0.88%.

SECTION A-A

Roadway Pavement

3.00' to 28.72'

4%

Drop

Special Backfill

TABLE OF OFFSETS AND DROPS FOR DETOUR PAVEMENT

DISTANCE (Ft.)	275.33	275	250	225	200	175	150	125	100	75	50	25	0
OFFSET (Ft.)	3.00	3.00	3.00	3.00	3.32	4.27	5.84	8.05	10.89	14.36	18.49	23.27	28.72
DROP (Ft.)	0.12	0.12	0.12	0.12	0.13	0.17	0.23	0.32	0.44	0.57	0.74	0.93	1.15

NOTE: The elevations are established by a constant 4% slope across the appropriate detour widths based on a radius of 1000'. Drop = (0.04) x (Offset).

Possible Contract Items:
Detour Pavement
Special Backfill

TWO-LANE DETOUR CONNECTION