

The diagram illustrates a cross-section of a road construction project. The existing ground is shown as a dashed line with a 5%± slope. The proposed construction includes a 4.0' shoulder on each side, a 20.0' main road width, and a 1.0' existing edge of pavement (E.P.) on each side. The pavement layers are specified as 2 1/2" A.C. Mix No. II Resurfacing, 2 1/2" A.C. Mix No. II, and 6" A.C.B. or Recycled A.C.B. The shoulder slope is indicated as 4:1 Max. See Note A This Sheet.

4:1 Max. See Note A This Sheet

Exist. G.R.

4.0' Shoulder

1.0'

20.0

1.0'

4.0' Shoulder

4:1 Max. See Note A This Sheet

CL

Exist. E.P.

Cont. S.E.

2 1/2" A.C. Mix No. II Resurfacing

2 1/2" A.C. Mix No. II

6" A.C.B. or Recycled A.C.B.

NOTE A:
Dress existing earthen shoulder by clearing and grubbing; seed backfilling gradation and

The diagram illustrates a cross-section of a pavement repair. A horizontal line represents the top surface. Below this line, a hatched area represents the 'New A.C. Resurfacing'. Below the hatched area, a dashed line represents the 'Top of Existing Pavement'. A label 'Existing Pavement' points to the area below the dashed line. A label 'Fill existing pavement depressions with a layer course of A.C. Pav't. Mix No.II' points to the hatched area. The diagram shows a depression in the existing pavement being filled with the new A.C. resurfacing material.

Diagram illustrating the construction details for the road surface transition:

- 50'± Cold Plane Transition:** The length of the transition zone between the existing pavement and the concrete structure.
- 2 1/2" A.C. Mix No. II:** The thickness of the asphalt concrete layer applied over the existing pavement.
- Cold plane existing A.C. pavement and replace with equivalent thickness of A.C. Mix No. II:** The existing asphalt concrete pavement to be replaced.
- Top of Existing Pavement:** The elevation of the existing road surface.
- Top of Concrete Structure:** The elevation of the concrete base or subgrade.

Diagram illustrating the cross-section of a pavement repair project:

- 50'± Cold Plane Existing Pavement**: The existing pavement section.
- 2 1/2" To O**: The thickness of the overlay.
- 2 1/2" A.C. Mix No. II Resurfacing**: The thickness of the resurfacing layer.
- Begin and End Project**: Indicated by a vertical line on the left side of the overlay.
- Provide Smooth Riding Connection**: Indicated by a vertical line on the right side of the overlay.
- Top of Existing Pavement**: Indicated by a vertical line on the right side of the existing pavement.

Hand-drawn cross-section diagram of a road construction project. The diagram shows an 'Existing Roadway' on the left, a '10± Cold Plane Transition' in the middle, and a '1' Pavement Widening' on the right. A '2 1/2 A.C. Mix No. II Resurfacing' layer is shown below the existing roadway. A dashed line indicates the 'Top of Existing Pavement'. A note says 'Provide Smooth Riding Connection' pointing to the transition area.

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
No. _____	CHECKED BY _____

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