Pavement Details at Railroad Crossing

Notes:
1. See typical section on plans for thickness of aggregate base, pavements and finished shoulder widths.
2. Basis of Estimate: Include all costs for the preformed expansion joint and additional concrete slab thickness in the price bid for concrete pavement pay items.

Eliminate pavement crown at a rate of 1% in 25 LF

Crossing Surface - Timber, Rubber or Concrete

R.R. Track

Aggregate Base

Ballast

Railroad Tie

Underdrain System

(as needed)

Geotextile Fabric

Railroad completes crossing

30' Min. 2'

Level

Grade

3' Max.

Vertical Profile

Section A - A
Bituminous Pavement Approach

Shoulder Width
Varies 2' to 12' (Typ.)

R.R. Track

Roadway

Bituminous Pavement

Concrete Pavement

Normal Pavement Crown

Remove pavement crown. Match pavement plane to that of railroad track(s).

Transition Crown

Transition Paved Shoulder - 10:1 Taper

12'

1" Expansion Joint

Pavement Approach at Railroad Crossing

Eliminate pavement crown at a rate of 1% in 25 LF

1st Expansion Joint

15'

Concrete Pavement

Doweled Contraction Joint

Concrete Pavement

Aggregate Base

Underdrain System

(as needed)

Geotextile Fabric

Railroad completes crossing

Section B - B
Concrete Pavement Approach and Joint Treatment

Notes:
1. See typical section on plans for thickness of aggregate base, pavements and finished shoulder widths.
2. Basis of Estimate: Include all costs for the preformed expansion joint and additional concrete slab thickness in the price bid for concrete pavement pay items.

Eliminate pavement crown at a rate of 1% in 25 LF

Crossing Surface - Timber, Rubber or Concrete

R.R. Track

Aggregate Base

Ballast

Railroad Tie

Underdrain System

(as needed)

Geotextile Fabric

Railroad completes crossing

30' Min. 2'

Level

Grade

3' Max.

Vertical Profile

Section A - A
Bituminous Pavement Approach

Shoulder Width
Varies 2' to 12' (Typ.)

R.R. Track

Roadway

Bituminous Pavement

Concrete Pavement

Normal Pavement Crown

Remove pavement crown. Match pavement plane to that of railroad track(s).

Transition Crown

Transition Paved Shoulder - 10:1 Taper

12'

1" Expansion Joint

Pavement Approach at Railroad Crossing

Eliminate pavement crown at a rate of 1% in 25 LF

1st Expansion Joint

15'

Concrete Pavement

Doweled Contraction Joint

Concrete Pavement

Aggregate Base

Underdrain System

(as needed)

Geotextile Fabric

Railroad completes crossing

Section B - B
Concrete Pavement Approach and Joint Treatment