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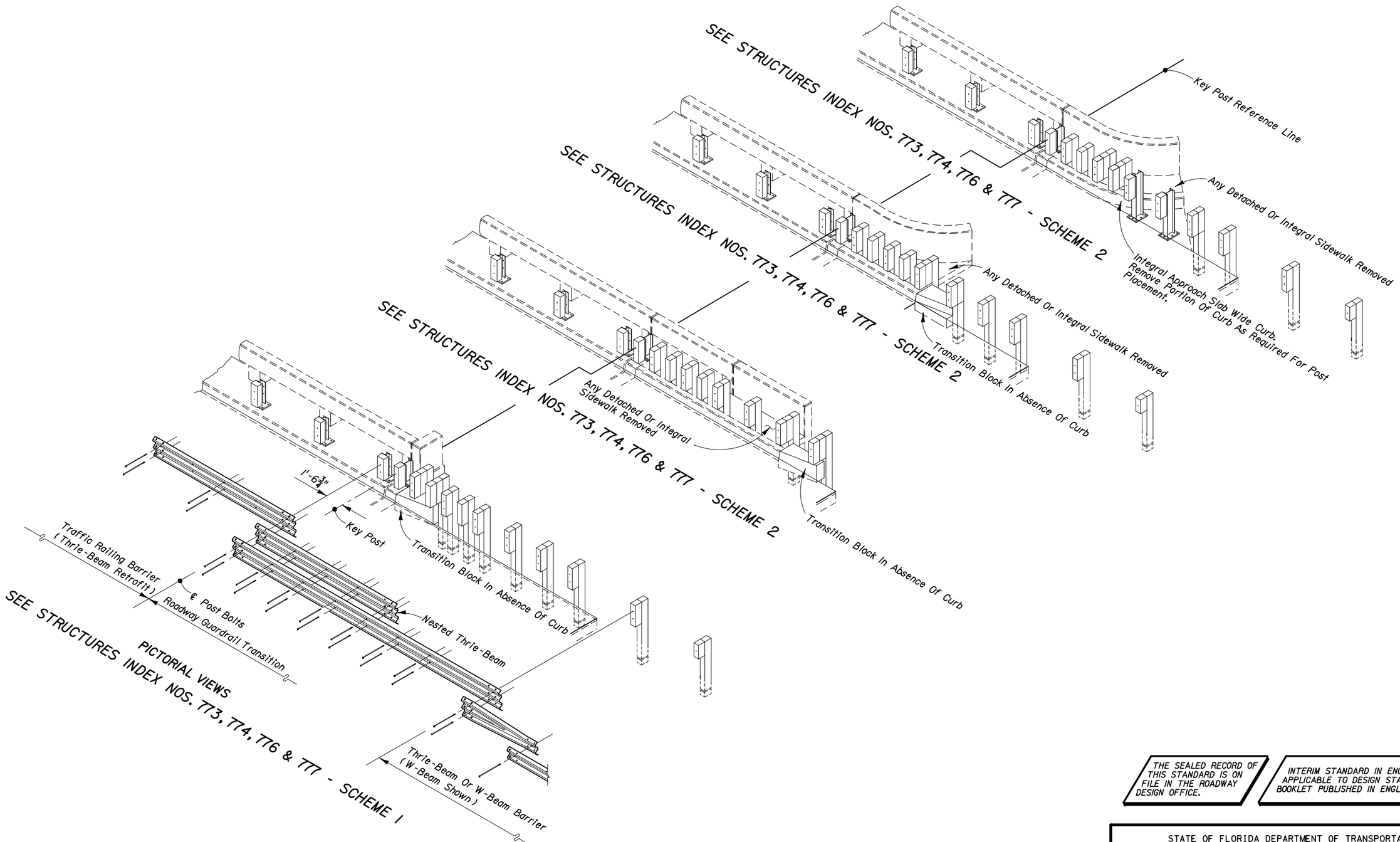


THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

# PICTORIAL VIEWS OF GUARDRAIL APPROACH TRANSITIONS AND CONNECTIONS FOR BRIDGE TRAFFIC RAILING BARRIER (THRIE-BEAM RETROFIT)

## DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY Roadway Design Engineer

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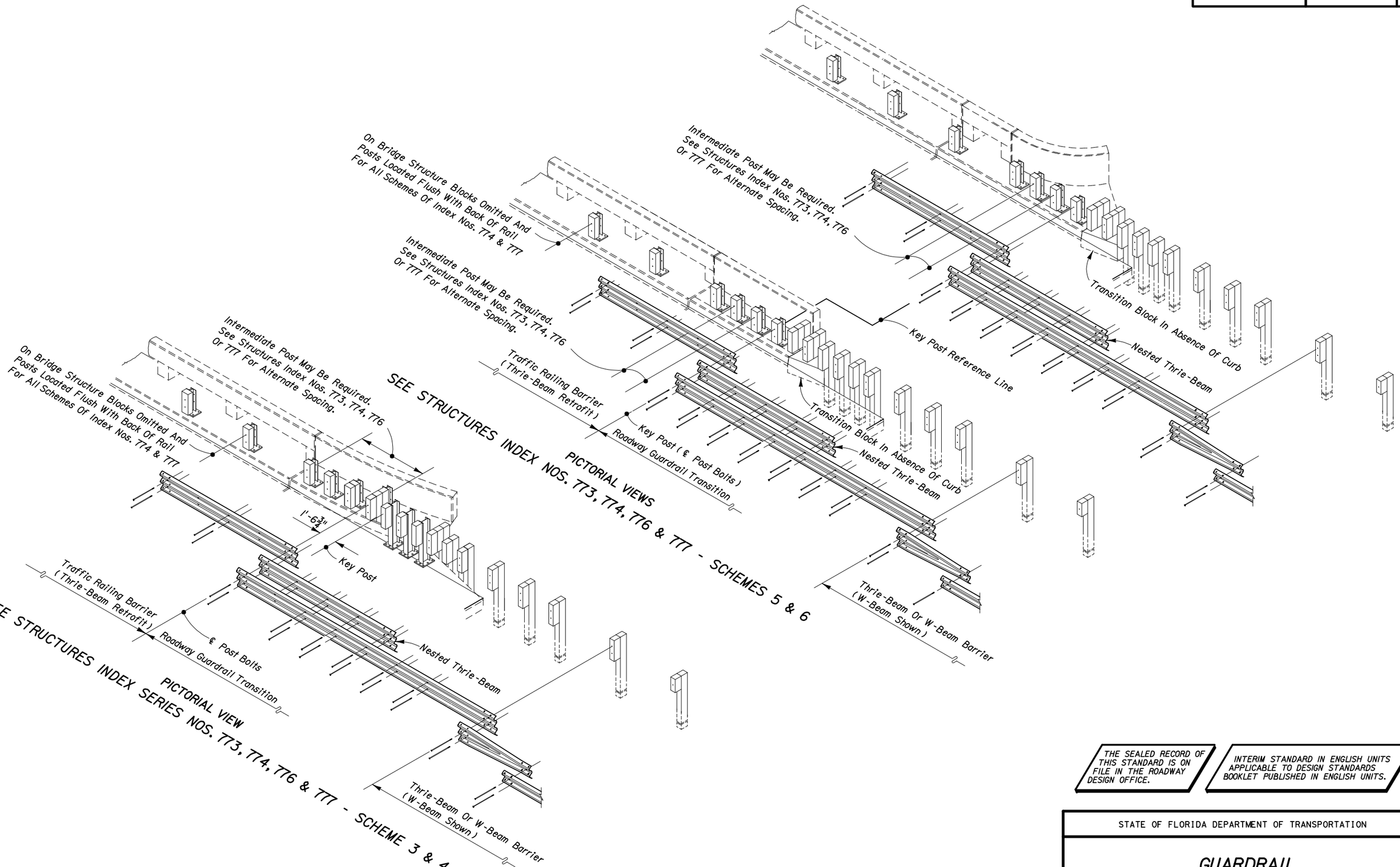


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INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

# PICTORIAL VIEWS OF GUARDRAIL APPROACH TRANSITIONS AND CONNECTIONS FOR BRIDGE TRAFFIC RAILING BARRIER (THRIE-BEAM RETROFIT)

## DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY
Roadway Design Engineer

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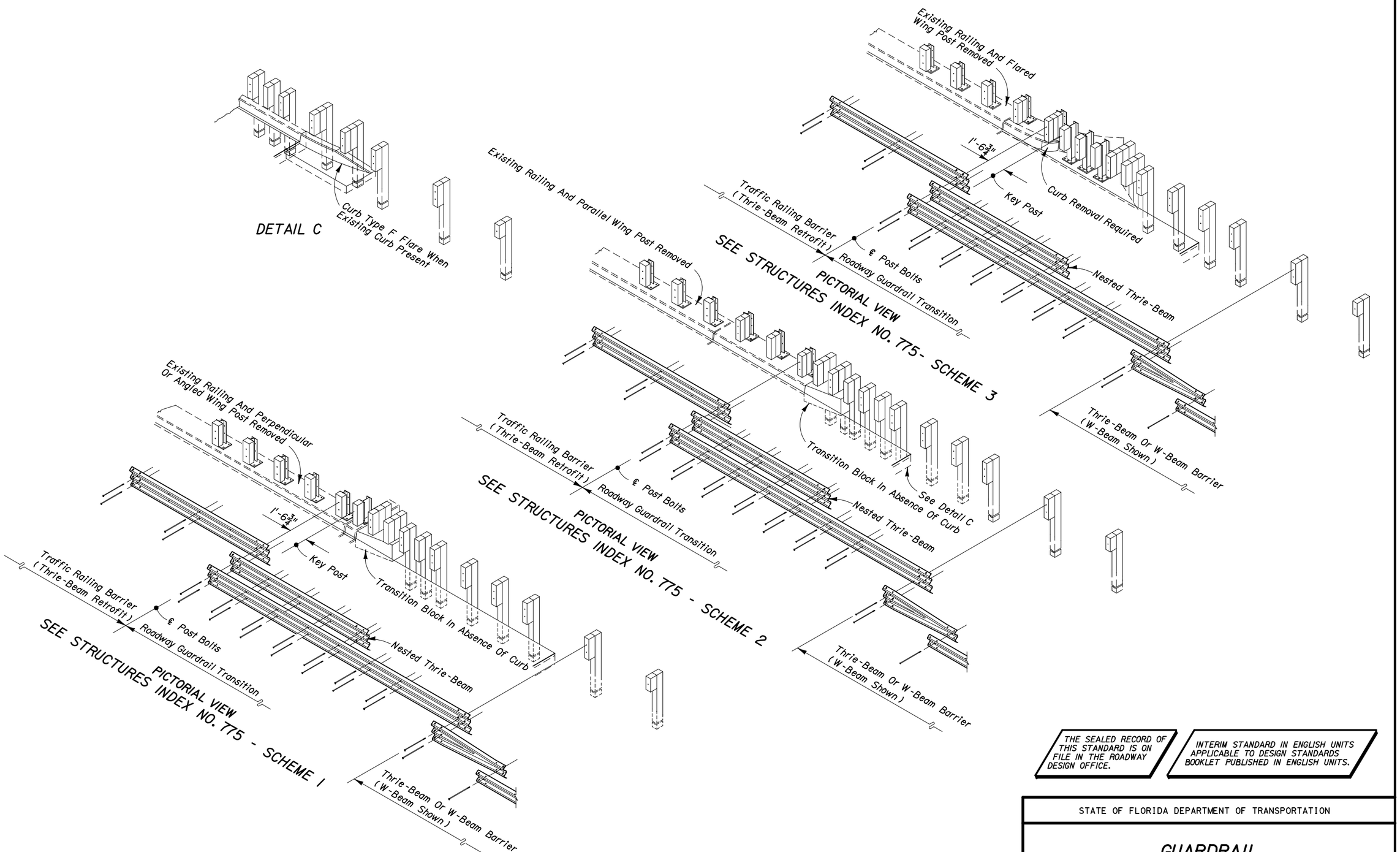


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INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

# PICTORIAL VIEWS OF GUARDRAIL APPROACH TRANSITIONS AND CONNECTIONS FOR BRIDGE TRAFFIC RAILING BARRIER (THRIE-BEAM RETROFIT)

## DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY Roadway Design Engineer

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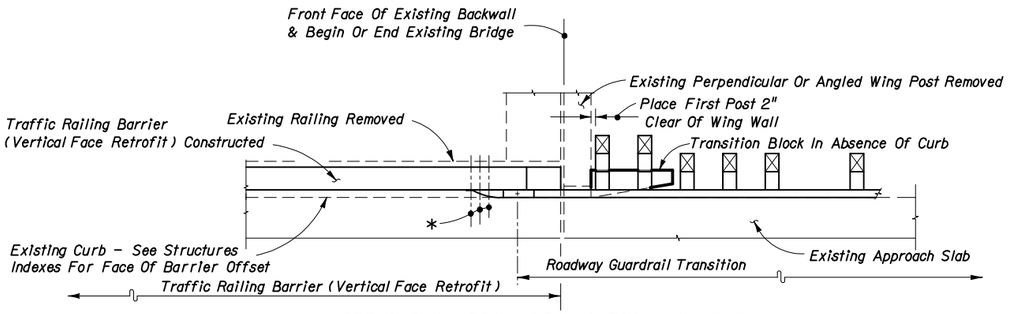


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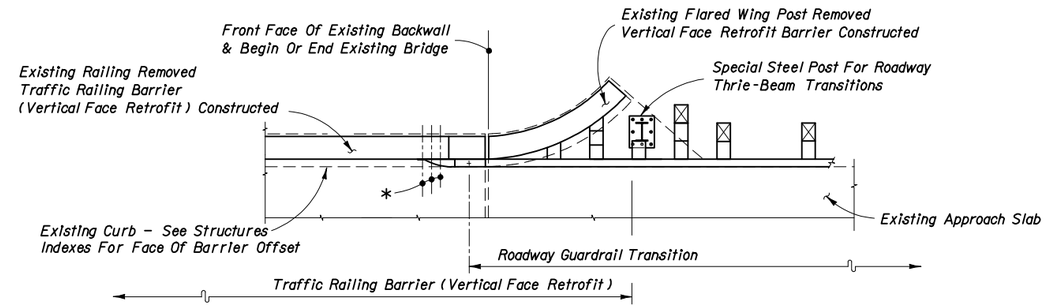
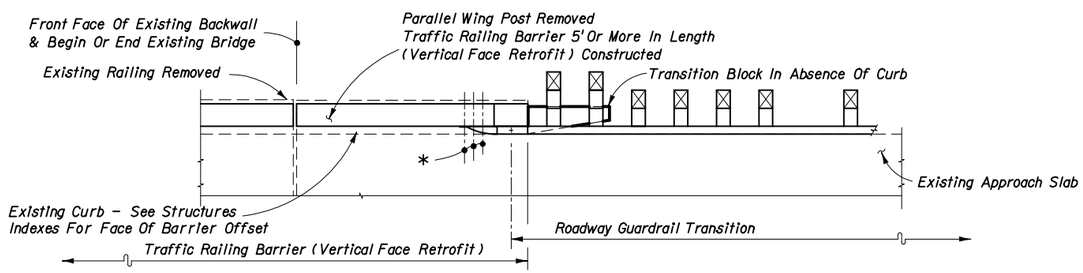
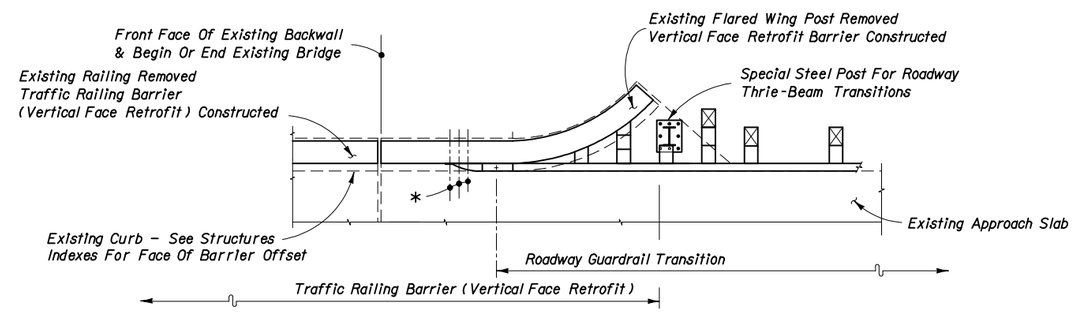



SEE STRUCTURES INDEX NO. 782 - SCHEME 3




SEE STRUCTURES INDEX NO. 782 - SCHEME 2

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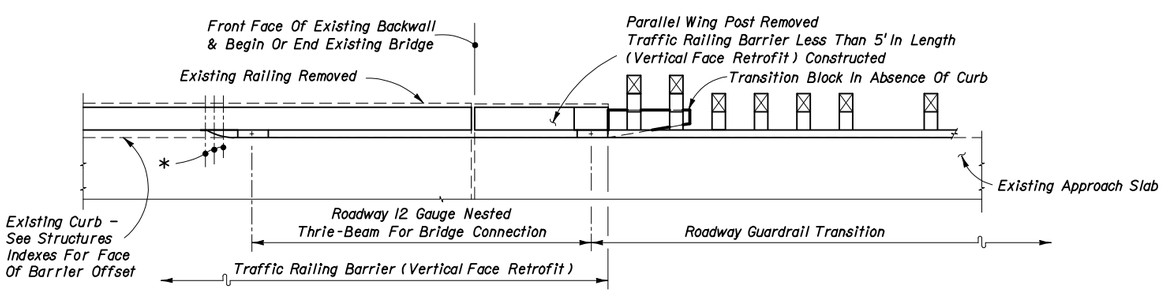


SEE STRUCTURES INDEX NO. 782 - SCHEME 2

THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

Note:
*21"x12"x $\frac{5}{8}$" Thrie-Beam Terminal Connector Plate (Back-Up Plate), And $\frac{7}{8}$"Ø x 12" Long HS Hex Bolts And Nuts (5 Reqd.) With $2\frac{1}{4}$" OD Plain Round Washers Under Heads And Nuts

# PARTIAL PLAN VIEWS OF TRAFFIC RAILING BARRIER (VERTICAL FACE RETROFIT)

# DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY
Roadway Design Engineer

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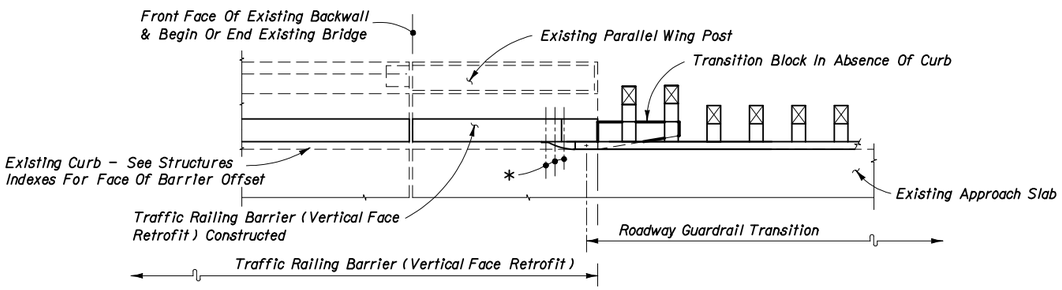
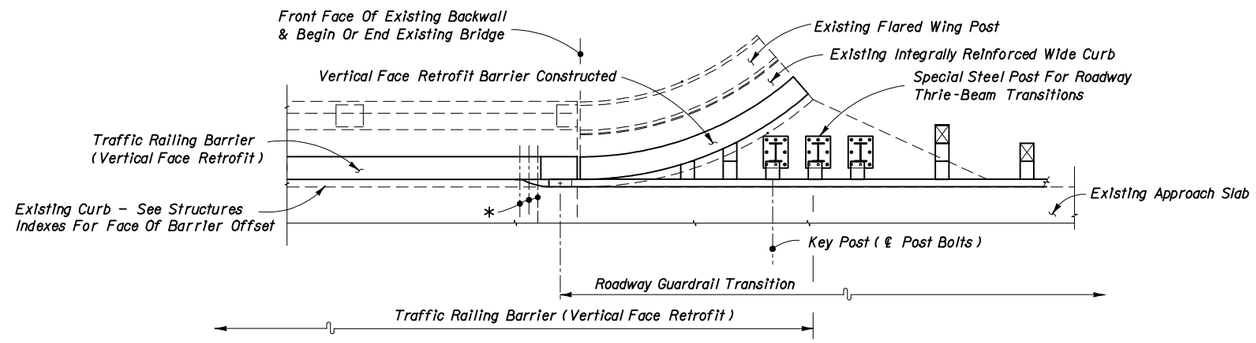
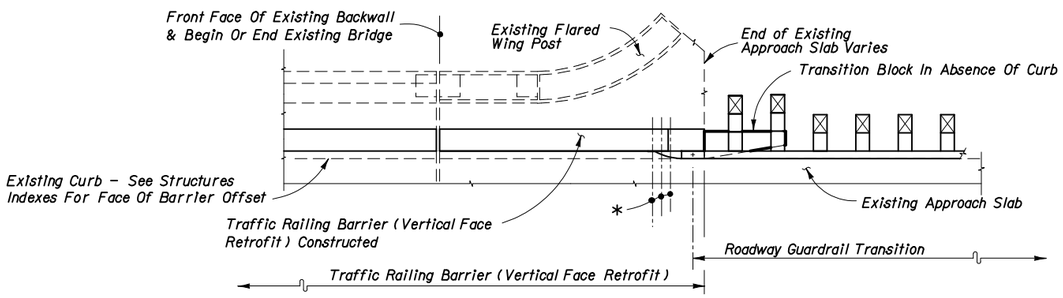



SEE STRUCTURES INDEX NO. 783 - SCHEME 1




SEE STRUCTURES INDEX NO. 783- SCHEME 2

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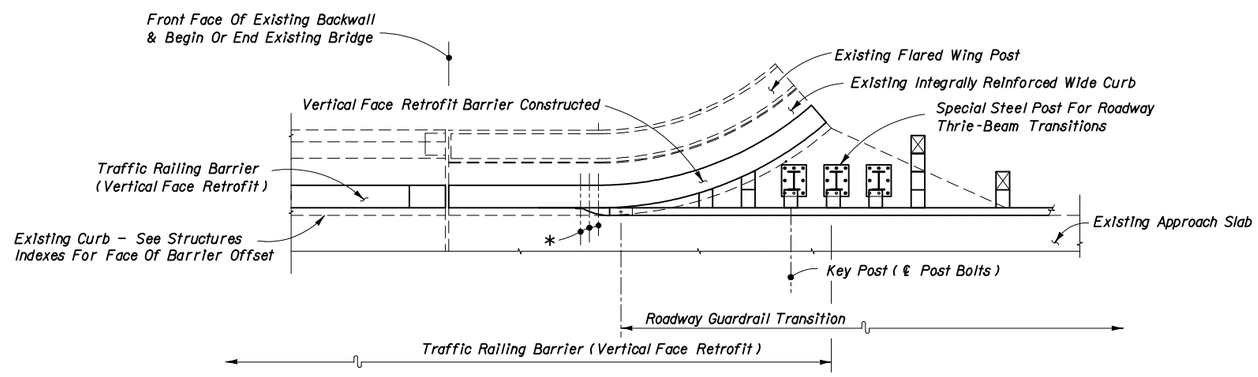


SEE STRUCTURES INDEX NO. 783- SCHEME 2

THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

Note:
*21"x12"x $\frac{5}{8}$" Thrie-Beam Terminal Connector Plate (Back-Up Plate), And $\frac{7}{8}$"Ø x 12" Long HS Hex Bolts And Nuts (5 Reqd.) With $2\frac{1}{4}$" OD Plain Round Washers Under Heads And Nuts

# PARTIAL PLAN VIEWS OF TRAFFIC RAILING BARRIER (VERTICAL FACE RETROFIT)

# DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY
Roadway Design Engineer

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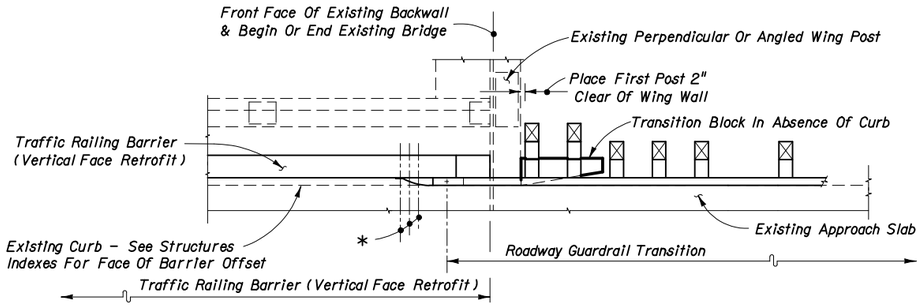
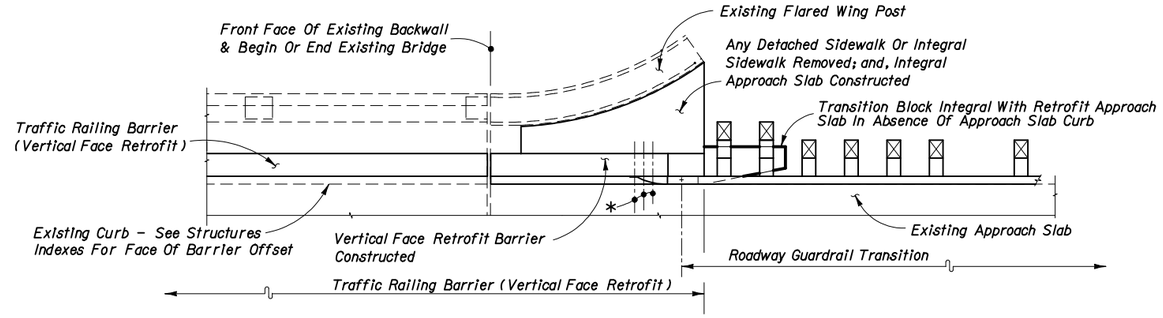
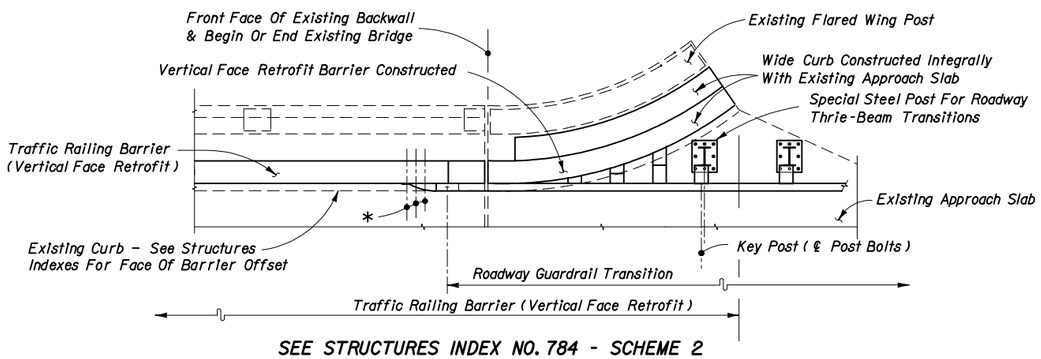



SEE STRUCTURES INDEX NO. 784 - SCHEME 1




SEE STRUCTURES INDEX NO. 784 - SCHEME 3

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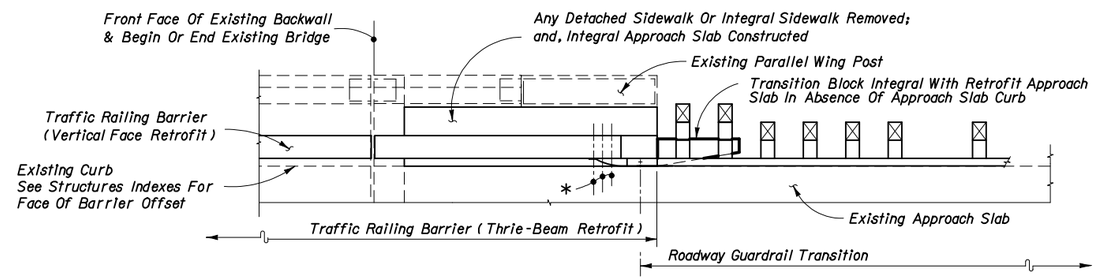


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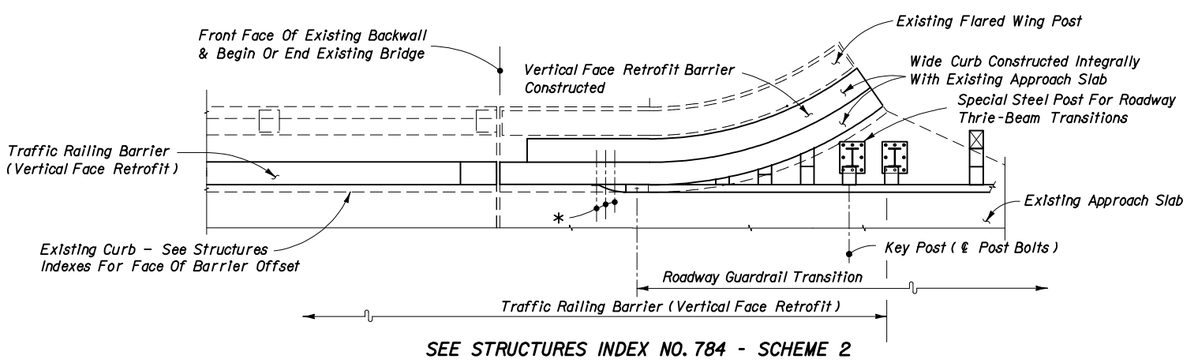


SEE STRUCTURES INDEX NO. 784 - SCHEME 2

THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

Note:
*21"x12"x $\frac{5}{8}$" Thrie-Beam Terminal Connector Plate (Back-Up Plate), And $\frac{7}{8}$"Ø x 12" Long HS Hex Bolts And Nuts (5 Reqd.) With $2\frac{1}{4}$" OD Plain Round Washers Under Heads And Nuts

# PARTIAL PLAN VIEWS OF TRAFFIC RAILING BARRIER (VERTICAL FACE RETROFIT)

# DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY
Roadway Design Engineer

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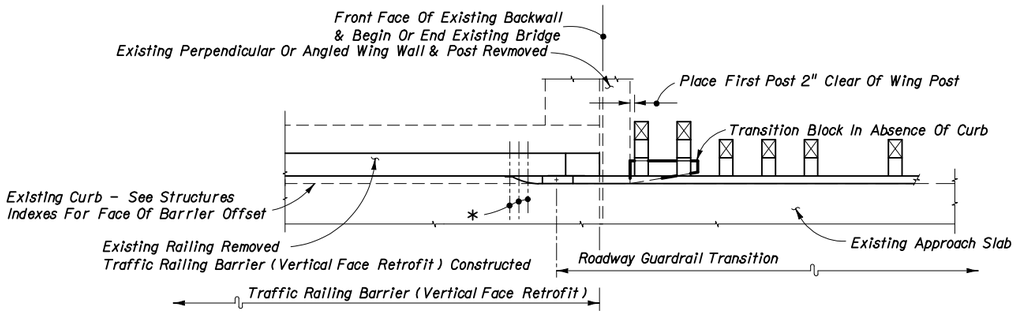
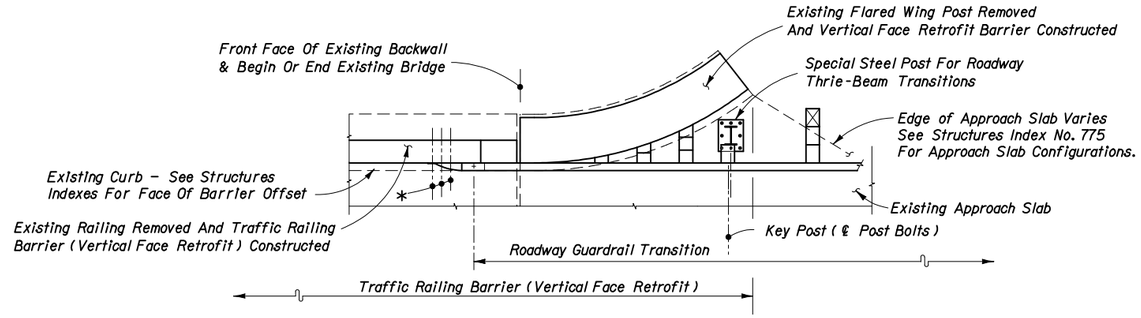
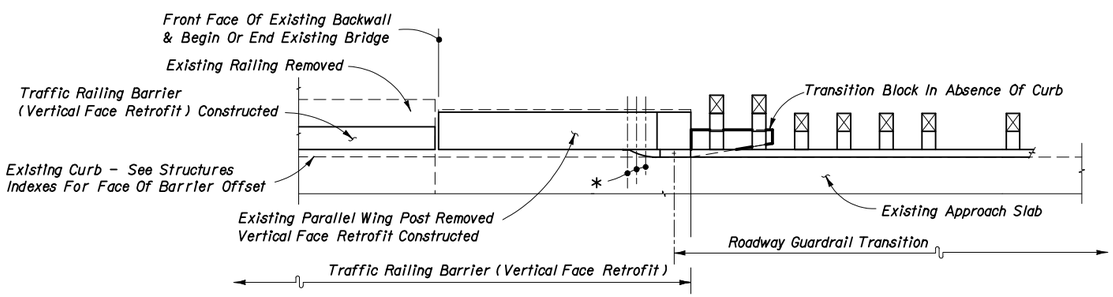


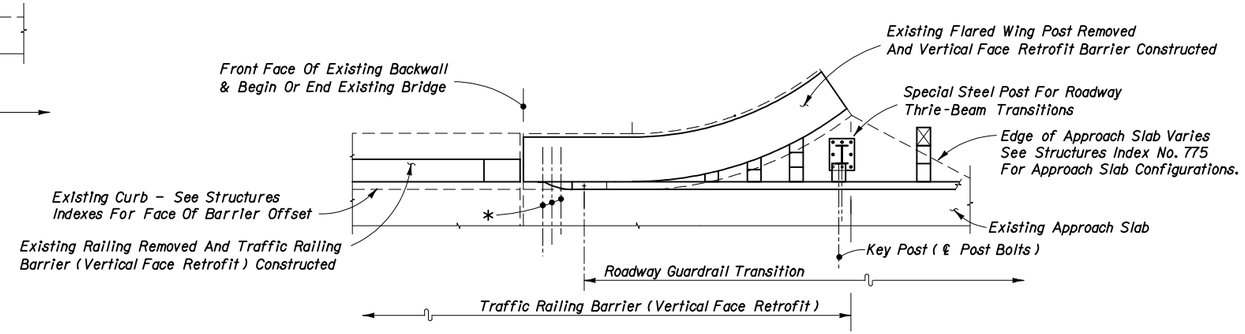

SEE STRUCTURES INDEX NO. 785 - SCHEME 1




SEE STRUCTURES INDEX NO. 785 - SCHEME 3




SEE STRUCTURES INDEX NO. 785 - SCHEME 2




SEE STRUCTURES INDEX NO. 785 - SCHEME 3

THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

Note:
*21"x12"x $\frac{5}{8}$" Thrie-Beam Terminal Connector Plate (Back-Up Plate), And $\frac{7}{8}$"Ø HS Hex Bolts And Nuts (12" Long For Scheme 1 And Length To Fit For Schemes 2 And 3) (5 Reqd.) With $2\frac{1}{4}$" OD Plain Round Washers Under Heads And Nuts

# PARTIAL PLAN VIEWS OF TRAFFIC RAILING BARRIER (VERTICAL FACE RETROFIT)

# DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY
Roadway Design Engineer

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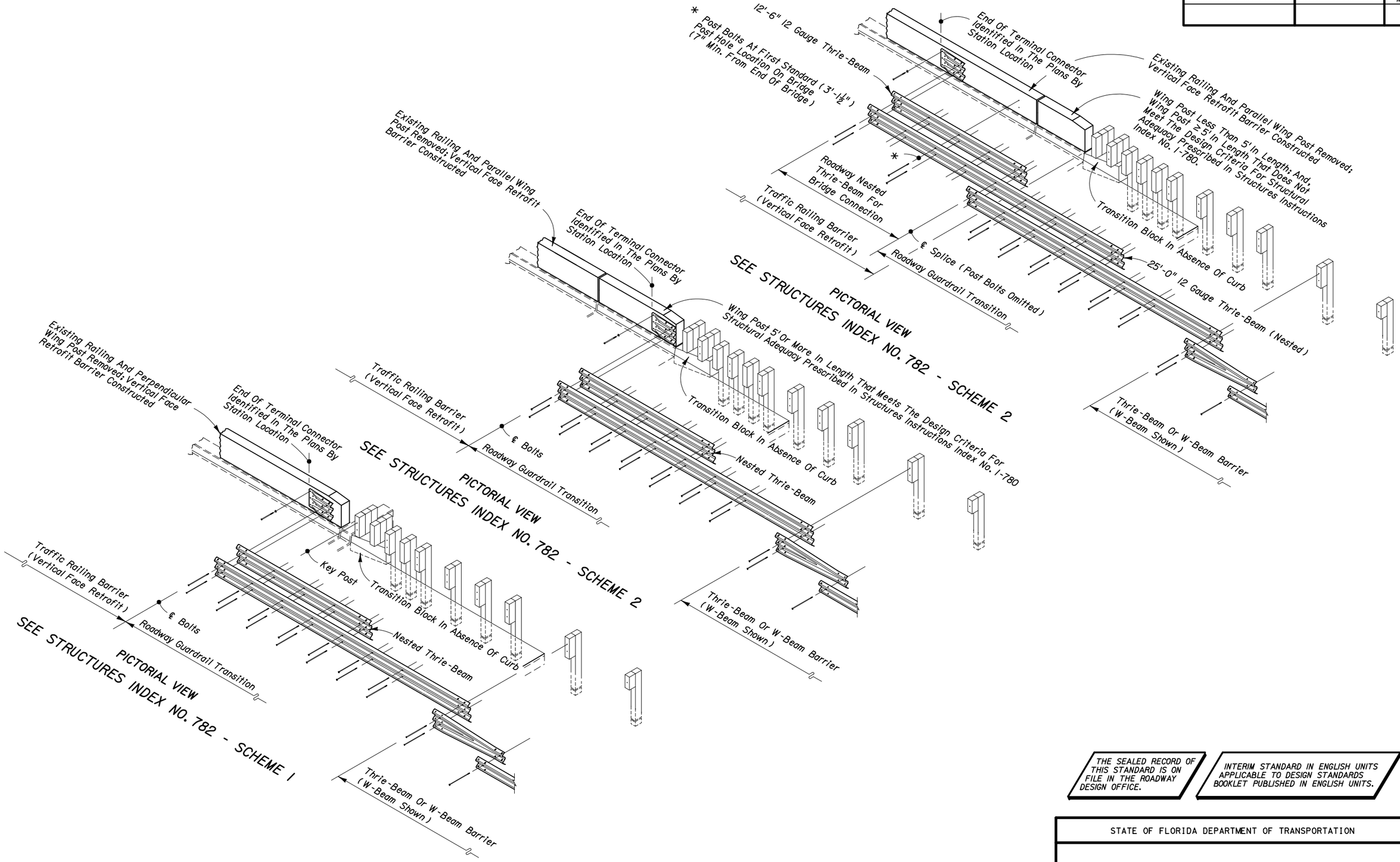


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INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

# PICTORIAL VIEWS OF GUARDRAIL APPROACH TRANSITIONS AND CONNECTIONS FOR BRIDGE TRAFFIC RAILING BARRIER (VERTICAL FACE RETROFIT)

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY
Roadway Design Engineer

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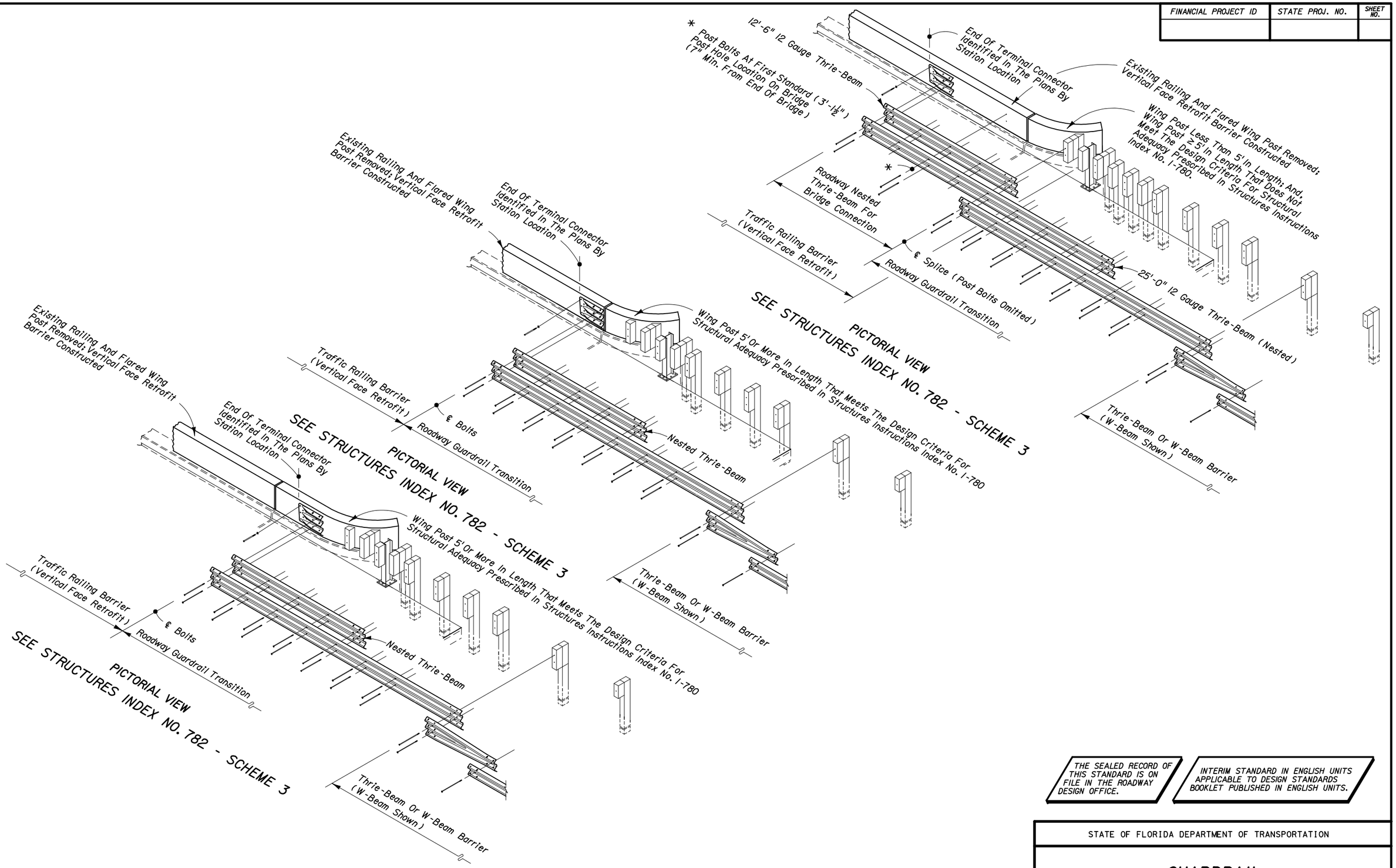


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INTERIM STANDARD IN ENGLISH UNITS APPLICABLE TO DESIGN STANDARDS BOOKLET PUBLISHED IN ENGLISH UNITS.

# PICTORIAL VIEWS OF GUARDRAIL APPROACH TRANSITIONS AND CONNECTIONS FOR BRIDGE TRAFFIC RAILING BARRIER (VERTICAL FACE RETROFIT)

# DETAIL E

Date: 12-31-02

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

GUARDRAIL

INTERIM STANDARD

SHEET NOS. 1 - 25 OF 25 ARE A SUPPLEMENT TO INDEX NO. 400 (SHEET 13 OF 32) OF THE DESIGN STANDARDS, BOOKLET DATED JANUARY 2002.

APPROVED BY James A. Hall
Roadway Design Engineer

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