STRUCTURAL Concrete can only be assumed to  
3D THE LINE. Provide adequate structure size  
AS NEEDED TO WITHSTAND WINDOW FULL STRUCTURAL,  
Concrete Dimensions as indicated on the standard.  

FORMLINER DETAILS  

FORMLINER COURSING ON RETAINING WALLS SHALL BE LEVEL.  

ABUTMENT NOTES  
FORMLINER COURSING ON ABUTMENTS AND WINGS SHALL BE LEVEL.  
THE FORMLINER COURSING ON THE WINGS SHALL BE VERTICALLY ALIGNED  
WITH THE FORMLINER COURSING ON THE FRONT OF THE ABUTMENT.  
THE FORMLINER PATTERN SHALL BE CONTINUOUS ACROSS CONSTRUCTION JOINTS.  
WRAPAROUND/MATCH FORMLINER PATTERN AT CORNERS.  

PIER NOTES  
FORMLINER COURSING ON PIERs SHALL BE LEVEL.  
THE FORMLINER COURSING ON ALL FACES OF EACH COLUMN SHALL BE VERTICALLY ALIGNED.  
SPACE ADJACENT PORTIONS OF FORMLINER ON SLOPED FACE so THAT COURSING IS ALIGNED VERTICALLY WITH COURSING ON HORIZONTAL FACE.  
THE FORMLINER PATTERN SHALL BE CONTINUOUS ACROSS CONSTRUCTION JOINTS.  
WRAPAROUND/MATCH FORMLINER PATTERN AT CORNERS.  

PARAPET NOTES  
FORMLINER COURSING ON PARAPETS SHALL BE PARALLEL TO TOP OF PARAPET.  

FORMLINER COURSING ON RETAINING WALLS SHALL BE LEVEL.  
WRAPAROUND/MATCH FORMLINER PATTERN AT CORNERS.  
THE FORMLINER PATTERN SHALL BE CONTINUOUS ACROSS CONSTRUCTION JOINTS.  
WITH THE FORMLINER COURSING ON THE FRONT OF THE ABUTMENT.  
THE FORMLINER COURSING ON THE WINGS SHALL BE VERTICALLY ALIGNED  
FORMLINER COURSING ON ABUTMENTS AND WINGS SHALL BE LEVEL.  

WARNING  
FORMLINER SHOWN ON THIS STANDARD IS A  
NON-PARTICIPATING ITEM (CSS).
TYPE I

TYPE II

TYPE III

DESIGNER NOTES

THE ABOVE TYPES SHOWN ARE PREFERRED AESTHETIC CONCEPTS FOR WISDOT PROJECTS. WHEN USED WITHOUT PEDESTRIAN ACCOMMODATIONS, COSTS ARE INCIDENTAL TO CONCRETE MASONRY BRIDGES AND NOT SUBJECT TO CSS FUNDING.

- THE CHOICE OF PARAPET, PIER AND PIER DETAILS SHOWN FOR A GIVEN TYPE SHOULD BE USED FOR THAT TYPE.
- PIER DETAILS PARALLEL TO CENTROID OF ABUTMENT SERVICES (SIDE FACE) ARE TO BE PLAIN TYPE R.

SEE STANDARDS 4.04 AND 4.05 FOR ADDITIONAL DETAILS.

SEE BRIDGE MANUAL, SECTION 4.2 FOR LOCATION OF USE AND RENDERING.

AESTHETIC CONCEPTS WITHOUT PEDESTRIAN ACCOMMODATIONS
TYPE I
- Single rustication lines

TYPE II
- Rustication parallel to centerline of abutment
- Only choice of parapet, wing, and pier details shown for a given type should be used for that type.

TYPE III
- Double rustication lines

Designer Notes
The three types shown are preferred aesthetic concepts for Wisconsin projects. When used without staining, costs are incidental to concrete masonry bridges and not subject to CSS funding.

Bridge Manual Section 4.9 for location of use.
See Bridge Manual Section 4.3 for location of use and renderings.

Approved: Bill Oliva
Date: 7-15

Aesthetic Concepts with Pedestrian Accommodations

Bureau of Structures
MULTI-COLUMNED PIER
AESTHETIC DETAILS

SECTION THRU COLUMN
SINGLE RUSTICATION LINES
AND DOUBLE RUSTICATION LINES

DETAIL A

DETAIL B

SECTION THRU COLUMN
RECESSED PANEL

DIM. = APPROXIMATELY \( \frac{3}{4} \) CAP HEIGHT

BILL OLIVA

STANDARD 4.05