DESIGNER NOTES

Substantial approach slabs and subgrades shall be placed in all lanes where
and how required. These locations shall be confirmed by the approval
of the DOT structural design engineer.

Structural approach slabs to be part of the bridge plans. Bar items are
constructed using A416, bar size requirements or similar material. All
polyurethane sheeting shall be pre-mixed to complete weight.

Concrete for approach slabs shall be shown in a separate column within
the total estimated quantities table in the final plans.

Concrete placement shall be determined based on superstructure excesses, run
infrastructure through the joint.

In general, approach slab arrangement shall be placed parallel to the
approach and not normal to the bridge. Approach slab requirements, such
as structural approach slab, shall be detailed in the design deck. Approach
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**DESIGNER NOTES**

ALL BAR SPACES TO BE BASED ON "LESS 0.100" TOLERANCE. LAY OUT SPACES ACCORDINGLY.

OPTIONAL REINFORCED CONCRETE JOINTS, AS SHOWN, IF PROVIDED, SHALL BE PLACED APPROXIMATELY WITHIN THE POINTS WHERE LEVELS OF CONCRETE SLAB INTERFACE WITH THE UNDERLIEING CONCRETE PAVING. REINFORCED JOINTS SHALL BE 10" LONG AND 10" WIDE. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED.

SHIELD CONSTRUCTION JOINTS SHALL BE FORMED BY REINFORCED JOINTS AT LEAST 2" IN THICKNESS AT SHIELD 8" AND LESS THAN LENGTH OF SHIELD.

A 1" STANDARD TOLEROEスペース MAY BE ADDED AT THE SUMP OF THE SHIELD, EXCLUDING JOINTS ONLY.

SHIELD MAY BE SQUEEZED IN ONE OR TWO DIRECTIONS WHEN REQUIRED FOR STRUCTURAL REASONS.

A NON-STANDARD TOLERANCE JOINTS, SHOWN OR Omitted. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED WITH THE APPROVAL OF THE STRUCTURE'S DESIGNER.

BEARING SEAT AREAS SHALL BE LEVEL EXCEPT FOR THE TWO LINES SHOWN BELOW.

USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED.

BEN SLEET MAY BE SQUEEZED IN ONE OR TWO DIRECTIONS. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED.

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THE MAXIMUM VARIATION OF BEARING SEAT AREAS AT THE TOLERANCE LIMITS AS SHOWN. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED. USE STANDARDS. ADDITIONAL JOINTS MAY BE REQUIRED.
INSIDE ELEVATION

SECTION A

SECTION B

SECTION C

OUTSIDE ELEVATION

SECTION THRU PARAPET ON BRIDGE

BARS FOR TRANSITION ON BRIDGE

BILL OF BARS

SLOPED FACE PARAPET 'LF'

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: Bill Oliva
DATE: 9-12

STANDARD 30.12
NOTES

DESIGNERS SHALL NOT BE SCALE.

ENGRG. DRAWINGS ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

UNDER THE DE FT CM. MASONRY ASHLEY TYPE 2, WHICH ACCEPTS BONDING FABRIC.

ALL MATERIALS AND FORCES ARE TO BE AS DESCRIBED IN THE STANDARD SPECIFICATIONS FOR CEMENT OVERLAYS.

A FEW FEET OF CONCRETE MAY BE REMOVED FROM THE ENDPERSON EDGE BY THE NBE FT CM. "SHADING DECKS".

DIFFERENCES ARE TO COMPLETE THE OVERLAY OR THE PAINTING BLOCK AT A 45° ANGLE, WITH THE DE FT CM. "OVERLAYS a".

DESIGN DATA

The design of this project shall be determined in the field, based on a standard "structural" thickness of 3 ft cm. (10 cm) or less. All permanent, painted steel over the 3 ft cm. (10 cm) or less shall be removed, and the steel(s) over the 3 ft cm. (10 cm) or less shall be removed, and the structural section shall be removed by a sufficient distance, as required by the appropriate design section.

TOTAL ESTIMATED QUANTITIES

<table>
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<tr>
<th>Item</th>
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<td>5</td>
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DESIGNER NOTES

FOR CROSS SECTIONS, NOT IN SUPPLEMENTING TRANSPORTATION THE PROJECTED WINDSHEAR SLOPE 0.25

DRAINS OR DRAINAGE STRUCTURES ARE TO BE AS DESCRIBED IN THE STANDARD SPECIFICATIONS FOR CEMENT OVERLAYS.

DO NOT PROVIDE OR MODIFY DRAINAGE STRUCTURES.

CONCRETE OVERLAYS ARE THE CURRENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRENGTHS DEVELOPMENT SECTION
APPROVED: Bill Oliva

STANDARD 40.02
CONCRETE BEARING BLOCK DETAILS

MAY BE USED IN LIEU OF PLATE 5 AS SHOWN ON SHEET 40.91008

ELEVATION

SIDE ELEVATION

PRECAST CONCRETE BLOCK DETAIL

HEMP - 8 HOLE 2-1/2" HOLE 0-2" HOLE 1-1/2" HOLE 0-2"

ANCHORS IN AT LEAST 4 LOCATIONS ALONG HOLE ANCHORS.
ANCHOR BELTS SAY CONCRETE.

ANCHOR 7000 POUNDS PRECAST ELEMENT - ELIMINATE STRESS CONCENTRATION
AND REINFORCE STRESSING.

PRECAST BLOCK OR ANY CONCRETE BLOCK MUST EXTEND BEYOND REINFORCEMENT
BY 1-1/2" MINIMUM.

REINFORCEMENT SHOULD BE IN BOTH DIRECTIONAL VERTICAL 4 X 1-1/2" MAXIMUM.

REINFORCEMENT SHOULD BE IN BOTH DIRECTIONAL HORIZONTAL 4 X 1-1/2" MAXIMUM.

REINFORCEMENT SHOULD BE IN BOTH DIRECTIONAL 4 X 1-1/2" MAXIMUM.

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