SUPERSTRUCTURE NOTES

*~ Use one of the following notes depending on whether the superstructure is*

*steel or prestressed concrete beams. ~*

1. The theoretical blocking used for design of the structure is X inch at the

centerline of bearing of the abutments and piers. Refer to Standard Detail

502(03) for blocking details.

1. The [bearing elevation and] deck thickness shall be adjusted in accordance

with Special Provision Section 535, Precast, Prestressed Concrete

Superstructure, Camber.

2. Reinforcing steel shall have a minimum concrete cover of 2 inches unless

otherwise noted.

3. Form a one inch V-groove on the fascias at the horizontal joint between the

curb and slab.

*~ The following note is used for 1" integral wearing surfaces. ~*

4. Anchor rods for the steel bridge rail posts shall be shortened by 1 inch to

provide additional clearance between the top of the deck and bottom of the

anchor rod.

5. The Saw Cut Grooving shall be in the [longitudinal/transverse] direction.

*~ The following note is used for simple span structures. Consider whether*

*changes are necessary for CIP end diaphragms, semi-integral backwalls, etc. ~*

6. The superstructure slab concrete for each span shall be placed continuously

and shall be kept plastic until the entire placement has been made.

*~ The following note is used for multiple span continuous structures with less*

*than 250 C.Y. of deck concrete. Consider whether changes are necessary for CIP*

*end diaphragms, semi-integral backwalls, etc. ~*

6. The superstructure slab concrete shall be placed in one continuous operation

and the concrete shall be kept plastic one complete span behind the span being

placed.

*~ The following note is used for multiple span continuous structures with more*

*than 250 C.Y. of deck concrete. Consider whether changes are necessary for CIP*

*end diaphragms, semi-integral backwalls, etc. ~*

6. Unless the superstructure slab concrete is placed in one continuous

operation, the initial placement shall begin at a simply supported end of the

deck slab and shall terminate at the completion of a positive moment section.

Successive placements shall proceed from the end of the previous placement,

terminate at the completion of a positive moment section, and include two or

more spans. Concrete in a placement shall be kept plastic one complete span

behind the span being placed. A minimum of 5 days shall elapse between

successive partial placements. The superstructure slab concrete placement

sequence shall be approved by the Resident.

*~ The following note is used when Precast Deck Panels are allowed. ~*

7. At the Contractor's option, Precast Deck Panels may be used in place of the

full depth cast-in-place deck slab, in accordance with Special Provisions

Section 502, Structural Concrete - Precast Deck Panels, and in accordance with

the Standard Details.

8. Payment for reinforcing steel fabricated, delivered, and placed in the

cast-in-place portion of the structural concrete slab will be considered

incidental to the appropriate Standard Specifications Section 502 pay item.

*~ The following note is used with GRFP or stainless rebar, or other cases (such*

*as high skew) where Precast Deck Panels are not allowed. ~*

9. Precast Concrete Deck Panels are not allowed on this project.

*~ The following note is used with granite curb on the superstructure. ~*

10. Mortar for bedding and for joints in the granite curb shall contain an

approved non-shrink additive.

*~ The following two notes are used for seals where applicable. Seal types should*

*be noted on the plans. When compression seals are used, a Compression Seal*

*Adjustment Chart should be shown on the plans. ~*

11. The seal(s) to be furnished shall have minimum Movement Rating(s) as

follows:

Abutment No. 1 = XX inches

Abutment No. 2 = XX inches

*~ The following note may be eliminated if the bars noted are fully detailed on*

*the plans. In either case, the bars need to be included in the reinforcing steel*

*schedule and estimated quantities. ~*

12. Provide 4 additional stirrups in the curbs at each Transition Barrier

location.

13. The Contractor shall install Transition Barrier vertical closed stirrups,

as shown in Standard Details Section 526, prior to the placement of the curb or

sidewalk concrete.

14. Transition Barrier reinforcing steel shall be stainless steel.