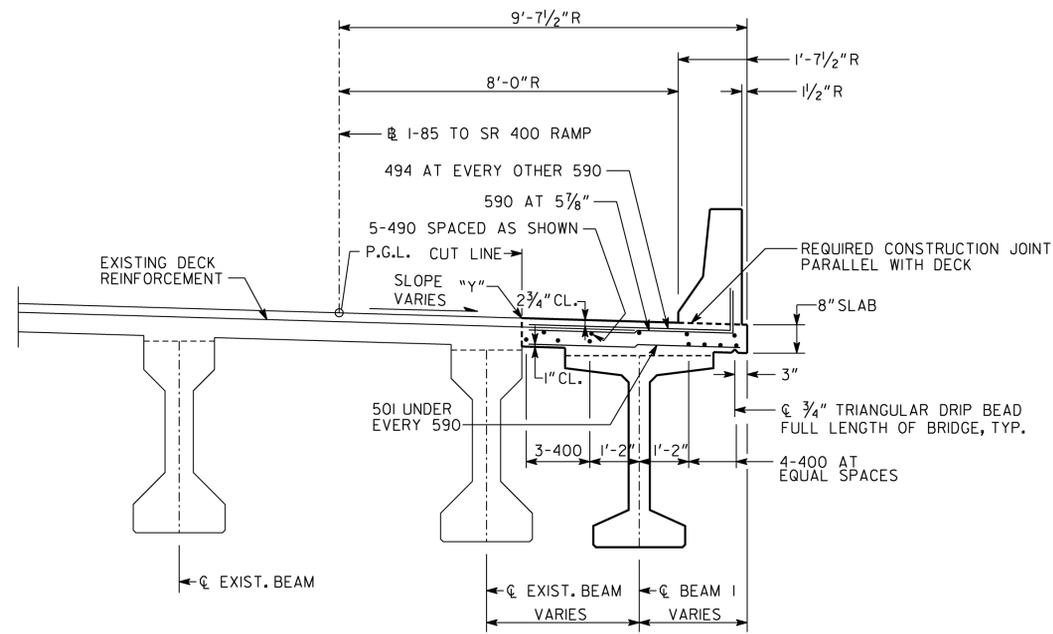
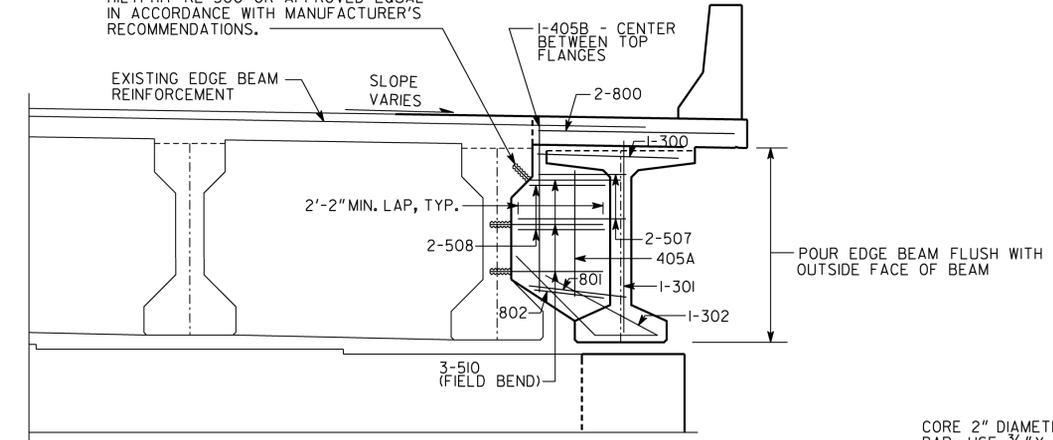


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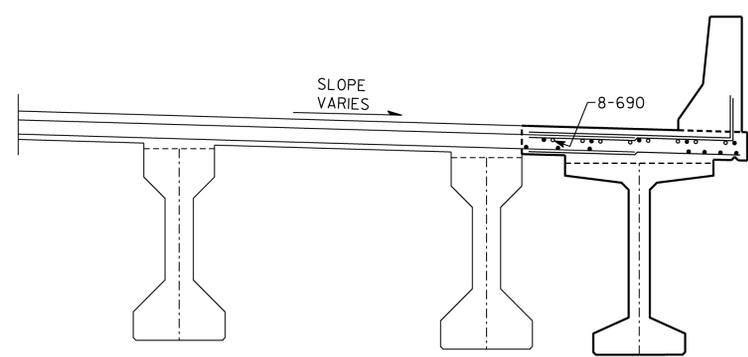


SECTION THRU SLAB

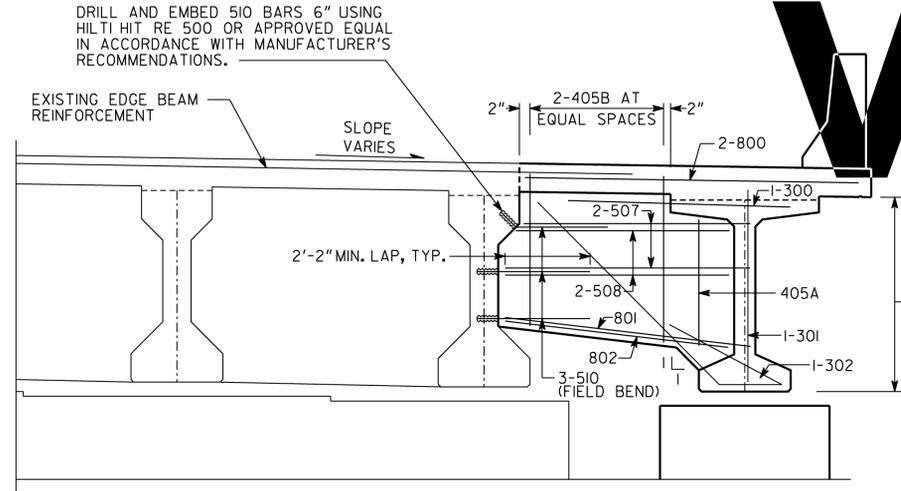
DRILL AND EMBED 510 BARS 6" USING HILTI HIT RE 500 OR APPROVED EQUAL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



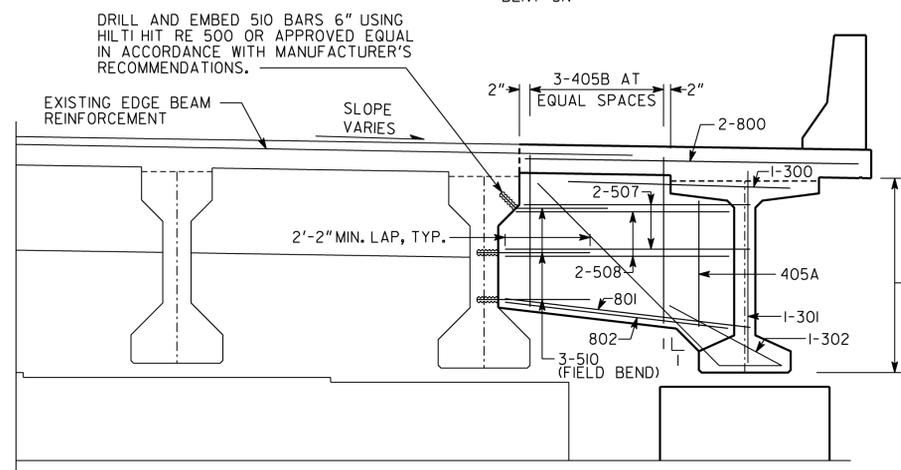
SECTION THRU EDGE BEAM BENT 2N



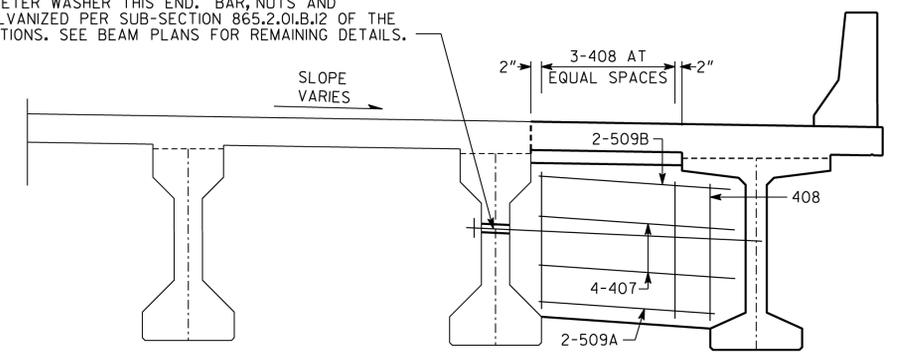
SECTION THRU SLAB AT INTERMEDIATE BENT 3N



SECTION THRU EDGE BEAM BENT 3N



SECTION THRU EDGE BEAM BENT 4N

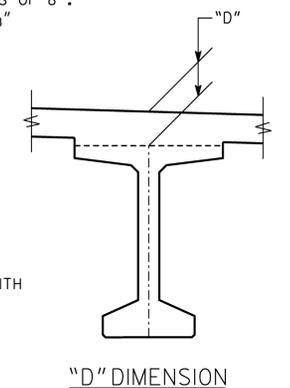


SECTION AT DIAPHRAGM

CORE 2" DIAMETER HOLE IN EXISTING BEAM FOR 1" DIAMETER PLAIN BAR. USE 3/4" X 5" DIAMETER WASHER THIS END. BAR, NUTS AND WASHERS SHALL BE GALVANIZED PER SUB-SECTION 865.2.01.B.12 OF THE GEORGIA DOT SPECIFICATIONS. SEE BEAM PLANS FOR REMAINING DETAILS.

- NOTES:
- CUT LINE SHALL BE VERTICAL SAW CUT 1" DEEP.
 - R DENOTES RADIAL DIMENSION.
 - LAP 501, 590 AND 800 BARS 2'-6" MINIMUM WITH EXISTING REINFORCEMENT.
 - "Y" IS ELEVATION AT TOP OF EXISTING EDGE OF DECK AT CUT LINE TO BE DETERMINED BY THE CONTRACTOR AT EVERY ϕ BENT AND B.F.P.R. THESE ELEVATIONS SHALL BE USED TO DETERMINE THE REQUIRED BENT ELEVATIONS.
 - MAINTAIN 2" CL. ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
 - MATCH EXISTING SLOPE FOR THE WIDENED SECTION.

DIMENSION "D" IS MEASURED FROM TOP OF SLAB TO TOP OF BEAMS AT CENTERLINE BEARING. VARY "D" BETWEEN BEARINGS TO COMPENSATE FOR DEAD LOAD DEFLECTION. MAINTAIN A CONSTANT SLAB THICKNESS OF 8".
"D" = 10 5/8"



RELEASED FOR CONSTRUCTION
MARCH 15, 2012

BRIDGE NO. 1

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

DECK SECTION - SPANS 2N - 3N
I-85 SOUTHBOUND TO SR 400 NORTHBOUND
SR 400/I-85 CONNECTOR RAMP OVER LENOX
ROAD AND NORTH FORK PEACHTREE CREEK
FULTON COUNTY NH000-0085-02(153)

SCALE: 1/2" = 1'-0" FEBRUARY 2012

DESIGNED	BKA	CHECKED	GBL	REVIEWED
DRAWN	BRW	DESIGN GROUP		APPROVED

DRAWING NO.
35.1 - 6
BRIDGE SHEET
6 OF 20