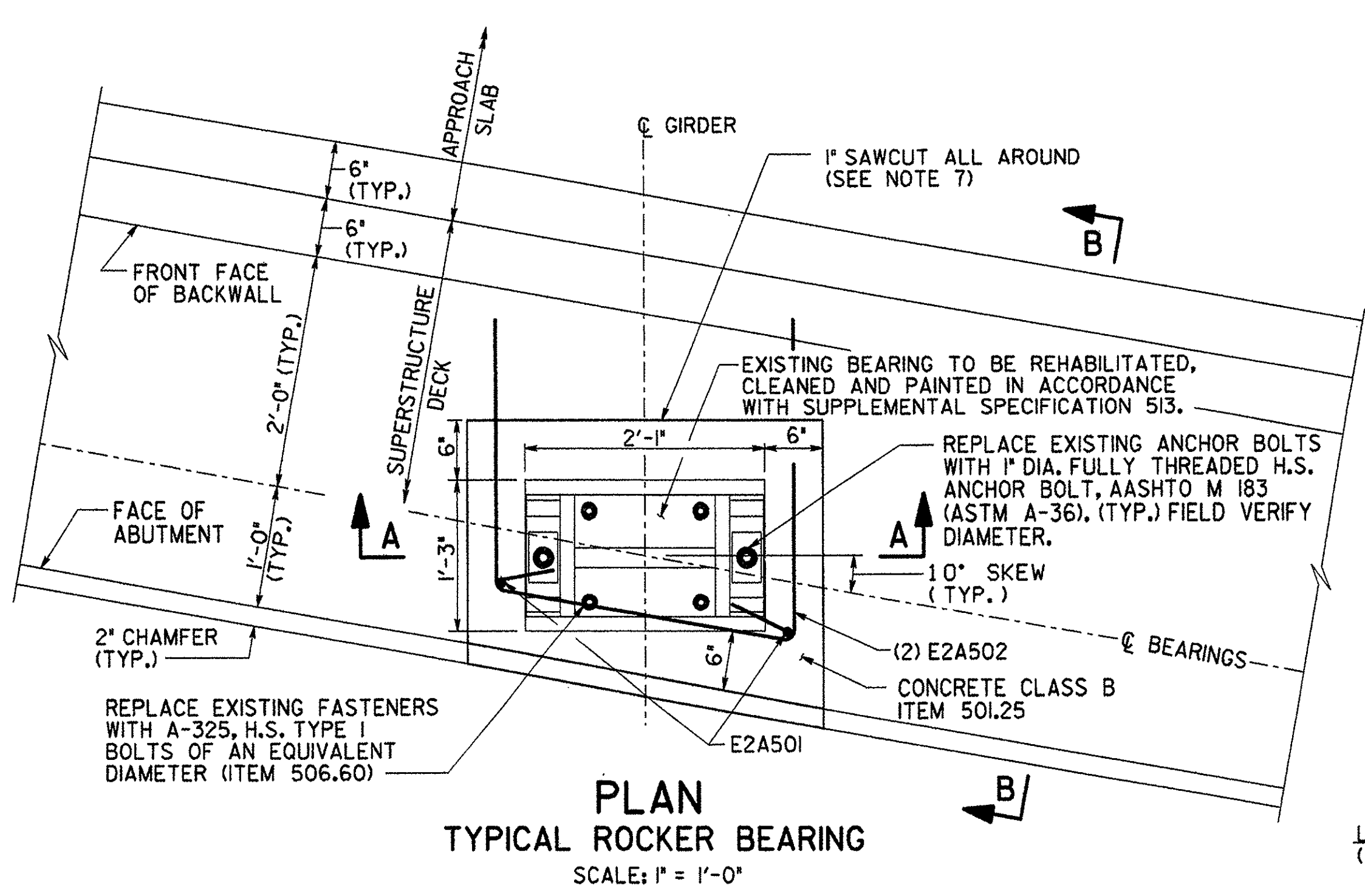
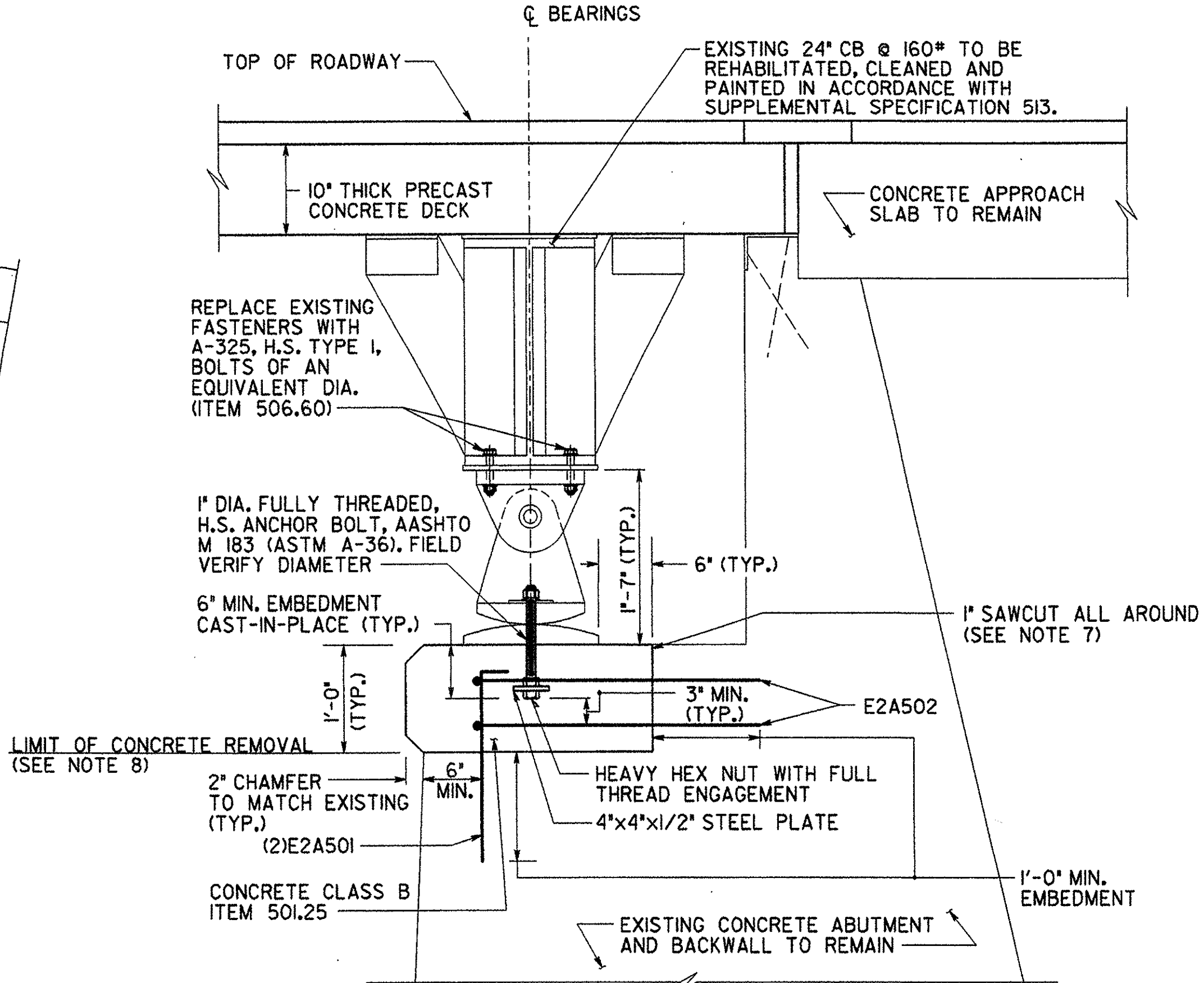


IN CHARGE OF J. STEVENS
 DESIGNED BY J. RIZZO
 DRAFTED BY K. COLE
 CHECKED BY J. STEVENS
 04/1999/99088 VERT. D. B. B.



**PLAN
TYPICAL ROCKER BEARING**
SCALE: 1" = 1'-0"



**SECTION B-B
(EXPANSION BRGS. SHOWN,
FIXED BRGS. SIMILAR)**
SCALE: 1" = 1'-0"

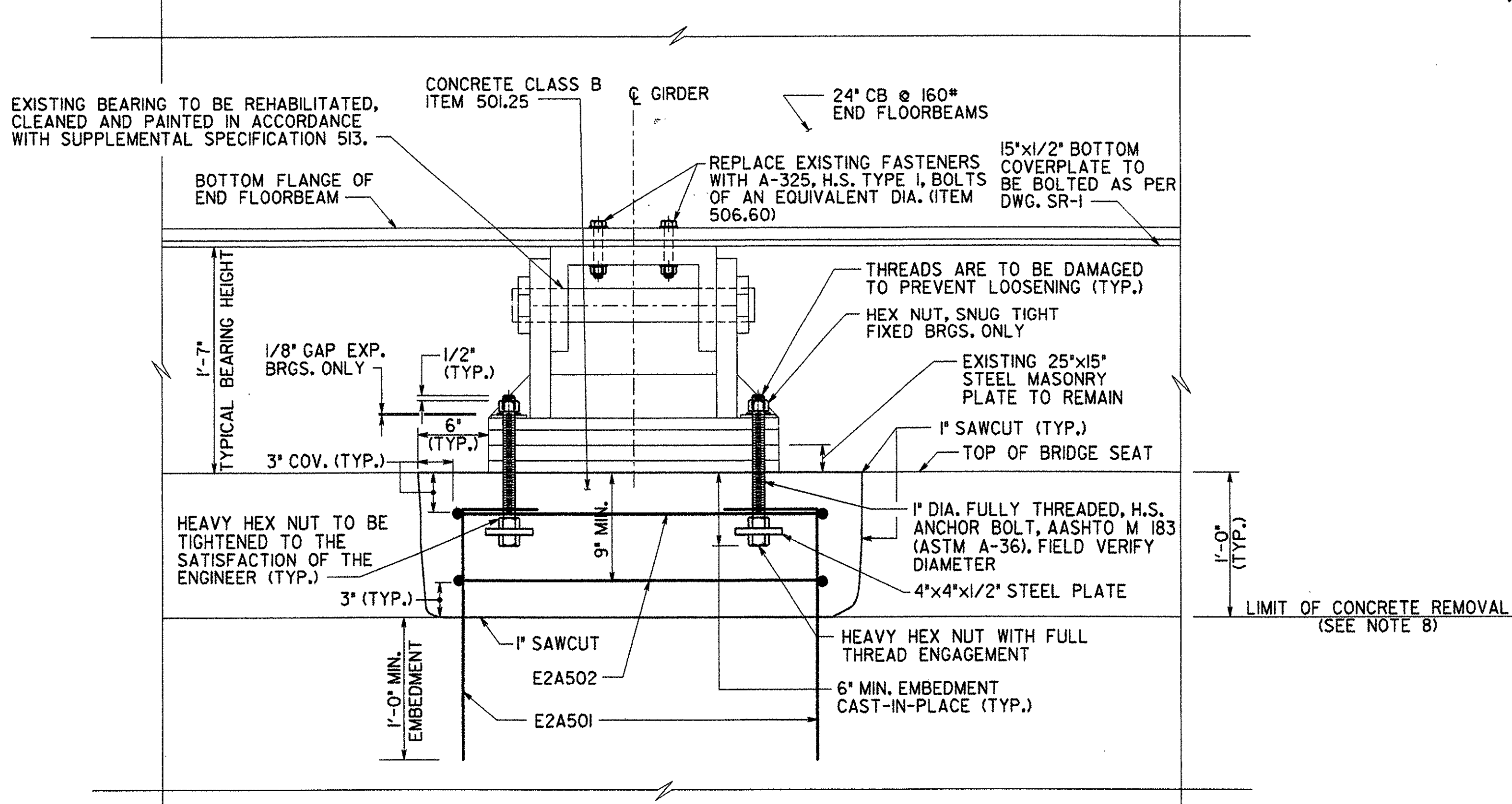
NOTES:

1. THE ANCHOR BOLTS AND FASTENERS OF ALL 4 BEARINGS, BOTH FIXED AND EXPANSION, SHALL BE REPLACED IN ACCORDANCE WITH THE PLANS.
2. SHORING OF THE SUPERSTRUCTURE BEARINGS, ITEM 502.11 IS REQUIRED IN ORDER TO REPLACE THE EXISTING ANCHOR BOLTS AND REHABILITATE THE BEARINGS.
3. THE CONTRACTOR SHALL SUBMIT, AS REQUIRED, PLANS AND CALCULATIONS FOR THE PROPOSED SHORING PROCEDURES TO THE ENGINEER FOR INFORMATION ONLY. THE PLANS AND COMPUTATIONS SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER.
4. UNDER NO CIRCUMSTANCES SHALL THE BRIDGE MOVE VERTICALLY OR TRANSVERSELY FROM ITS PRESENT LOCATION.
5. BEARINGS SHALL BE REHABILITATED TO A WORKING CONDITION WITH ALL PACK RUST AND SURFACE SCALE BEING REMOVED.
6. THE COST TO REMOVE EXISTING RIVETS OR FASTENERS FOR REPLACEMENT WITH NEW H.S. BOLTS SHALL BE SUBSIDIARY TO ITEM 506.60.
7. THE EXISTING CONCRETE BRIDGE SEAT BENEATH THE BEARINGS SHALL BE REMOVED AND DISPOSED, ITEM 529.25. SAW CUTTING OF THE EXISTING BRIDGE SEATS, AS SHOWN IN THE PLANS, SHALL BE SUBSIDIARY TO ITEM 529.25.
8. THE CONTRACTOR SHALL RETAIN ALL REINFORCEMENT AS DISCOVERED DURING THE CONCRETE REMOVAL EFFORTS. IF EXISTING REINFORCEMENT IS RETAINED, THEN THE PROPOSED REINFORCEMENT, AS SHOWN IN THE PLANS, SHALL BE USED AS ORDERED BY THE ENGINEER. ALL REINFORCEMENT IS SUBJECT TO THE APPROVAL OF THE ENGINEER PRIOR TO THE PLACEMENT OF CLASS B CONCRETE.
9. FOR REINFORCEMENT NOTES AND BAR BENDING DETAILS SEE DWG. SW-1.

SHORING LOADS (KIPS)

DEAD LOAD	103
LIVE LOAD (4ASTR)	115
TOTAL	218

*NOTE: THE LOADS SHOWN ARE THE MAXIMUM CALCULATED LOADS AT EACH EXPANSION AND FIXED BEARING.



**SECTION A-A
(EXPANSION BRGS. SHOWN,
FIXED BRGS. SIMILAR)**
SCALE: 1 1/2" = 1'-0"

BAR LIST

ITEM	NO. PIECES	SIZE	LENGTH	WT.	MARK	TYPE	A	B	C	D	E	G	H	K	COMMENT
ABUTMENT NO.1 (NORTH)															
WEST BEARING															
	2	5	2'-4"	5	EIA501	2	7"	1'-9"							
	4	5	7'-10"	33	EIA502	T4	0"	0"	2'-10"	2'-7"	2'-5"	0"	3'-6"	3'-10"	Δ SEE NOTE 8, DWG. SW-1
	SUBTOTAL = 38														
EAST BEARING															
	2	5	2'-4"	5	EIA501	2	7"	1'-9"							
	2	5	7'-10"	17	EIA502	T4	0"	0"	2'-10"	2'-7"	2'-5"	0"	3'-6"	3'-10"	
	SUBTOTAL = 22														
ABUTMENT NO.2 (SOUTH)															
WEST BEARING															
	2	5	2'-4"	5	E2A501	2	7"	1'-9"							
	4	5	7'-10"	33	E2A502	T4	0"	0"	2'-10"	2'-7"	2'-5"	0"	3'-6"	3'-10"	Δ SEE NOTE 8, DWG. SW-1
	SUBTOTAL = 38														
EAST BEARING															
	2	5	2'-4"	5	E2A501	2	7"	1'-9"							
	2	5	7'-10"	17	E2A502	T4	0"	0"	2'-10"	2'-7"	2'-5"	0"	3'-6"	3'-10"	
	SUBTOTAL = 22														

NOTE: ALL PROPOSED REINFORCEMENT SHALL BE USED AS ORDERED BY ENGINEER.

PROJECT NO. THI-9914

BHF 1000 (17)S

Greenman-Pedersen
CONSULTING ENGINEERS
GPI
55 Monument Ave.
Bennington, VT. 05201

BENNINGTON BRIDGE #10 (U.S. ROUTE 7)
OVER THE WALLOOMSAC RIVER
BEARING DETAILS
DRAWING NO. BD-1
SCALE: AS SHOWN
DATE: DEC., 1999
SHEET NO. 8 OF 20