

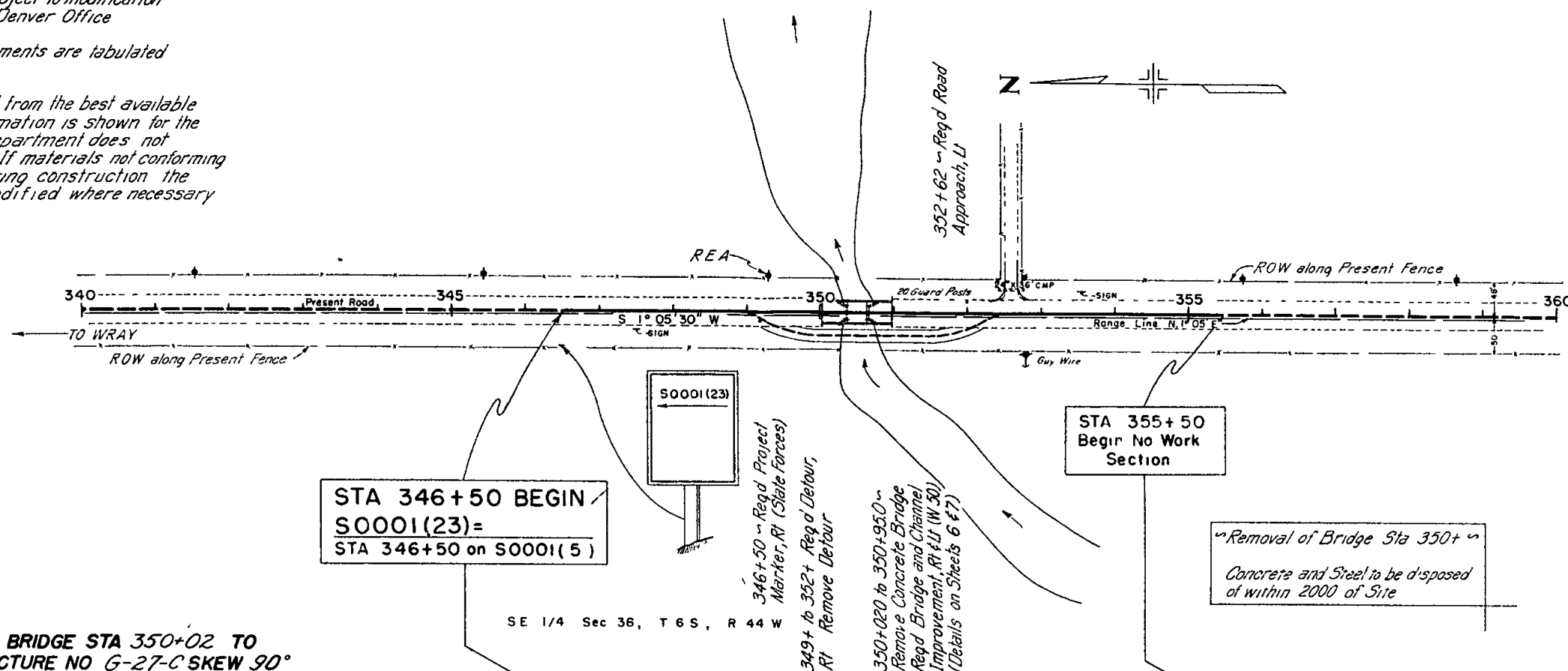
NOTE
Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office

Timber Guard Posts and Fencing Requirements are tabulated on Sheet No 4

Soil data shown on the plans is obtained from the best available testing laboratory information. This information is shown for the convenience of the contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense, stable embankments

SW 1/4 Sec 31, T 6 S, R 43 W

FED ROAD DIV NO	DIST	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO	S 0001(23)	20	



STRUCTURE NOTES FOR BRIDGE STA 350+02 TO STA 350+95, STRUCTURE NO G-27-C SKEW 90°

PRESENT STRUCTURE

SPAN, 1-30'
CLEAR ROADWAY 20'
CLEAR WATERWAY 150"
TYPE OF SUPERSTRUCTURE CONCRETE
TYPE OF SUBSTRUCTURE
REQUIREMENTS AS TO REMOVAL REMOVE

STREAM DATA

DRAINAGE AREA 2.9 SQ MILES
VELOCITY DURING HIGH WATER
ELEVATION OF -
MAXIMUM HIGH WATER
LOW WATER 3910.69
NORMAL STAGE
DRIET

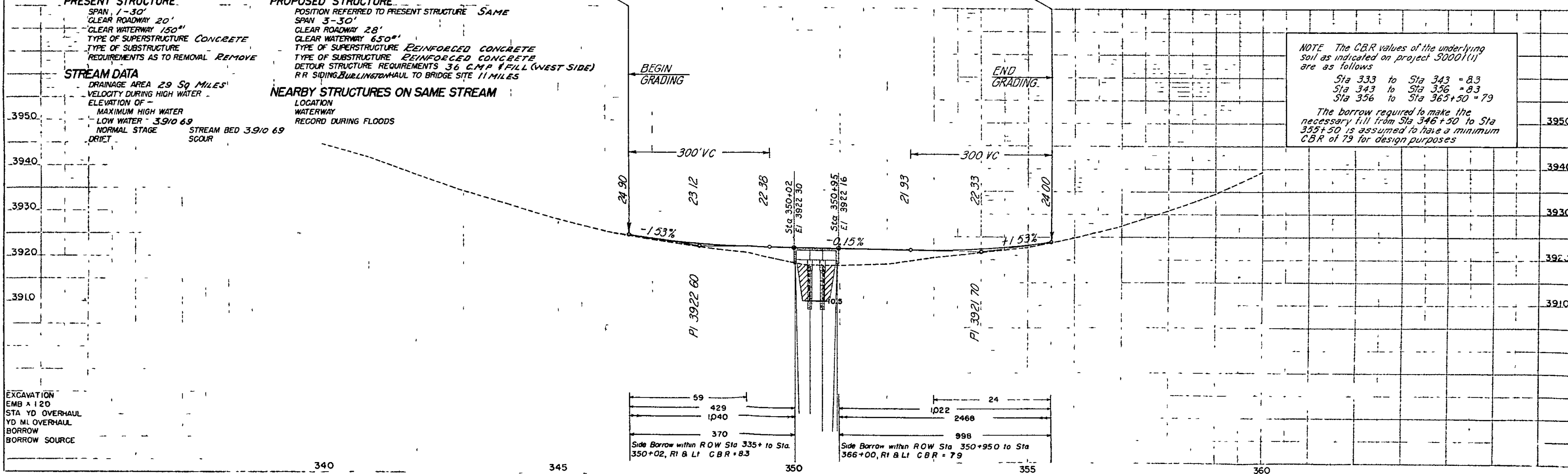
PROPOSED STRUCTURE

POSITION REFERRED TO PRESENT STRUCTURE SAME
SPAN 3-30'
CLEAR ROADWAY 28'
CLEAR WATERWAY 650"
TYPE OF SUPERSTRUCTURE REINFORCED CONCRETE
TYPE OF SUBSTRUCTURE REINFORCED CONCRETE
DETOUR STRUCTURE REQUIREMENTS 36 C.M.P. FILL (WEST SIDE)
RR SIDING BURLINGTON HAUL TO BRIDGE SITE 11 MILES

NEARBY STRUCTURES ON SAME STREAM

LOCATION
WATERWAY
RECORD DURING FLOODS

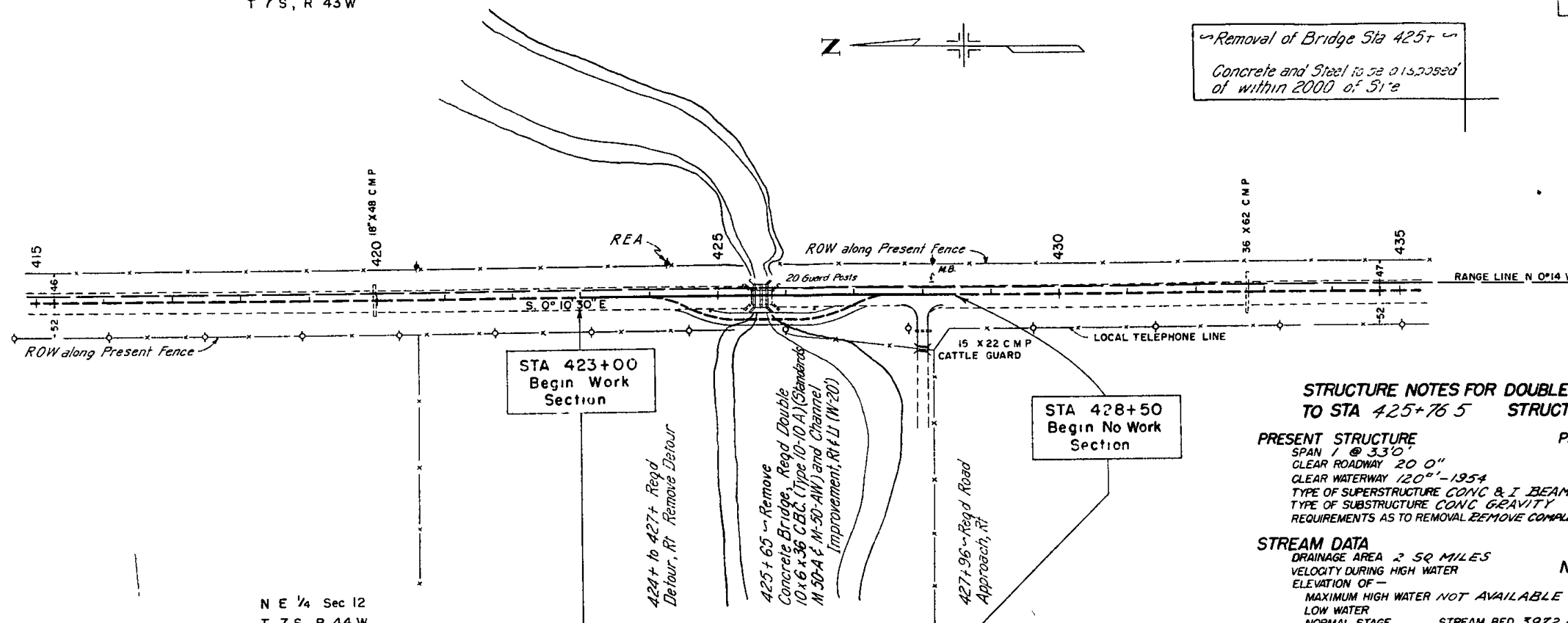
STREAM BED 3910.69
SCOUR



EXCAVATION
EMB + 120
STA YD OVERHAUL
YD ML OVERHAUL
BORROW
BORROW SOURCE

NW 1/4 Sec 7
T 7 S, R 43 W

FED ROAD DIV NO	DIST	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO	S0001(23)	21	



STRUCTURE NOTES FOR DOUBLE 10'x6' CBC STA 425+53.5 TO STA 425+76.5 STRUCTURE NO G-27-B SKEW 90°

PRESENT STRUCTURE

SPAN 1 @ 33'0"
CLEAR ROADWAY 20'0"
CLEAR WATERWAY 120'-1954
TYPE OF SUPERSTRUCTURE CONC & I BEAM
TYPE OF SUBSTRUCTURE CONC GRAVITY
REQUIREMENTS AS TO REMOVAL REMOVE COMPLETE

PROPOSED STRUCTURE

POSITION REFERRED TO PRESENT STRUCTURE SAME
SPAN 2-10'x6'x36' CBC (STANDARD)
CLEAR ROADWAY 28'0"
CLEAR WATERWAY 120'
TYPE OF SUPERSTRUCTURE CONC BOX CULVERT
TYPE OF SUBSTRUCTURE
DETOUR STRUCTURE REQUIREMENTS 36" C.M.P. ON WEST SIDE
R R SIDING BURLINGTON Haul to Bridge Site 10.5 MILES

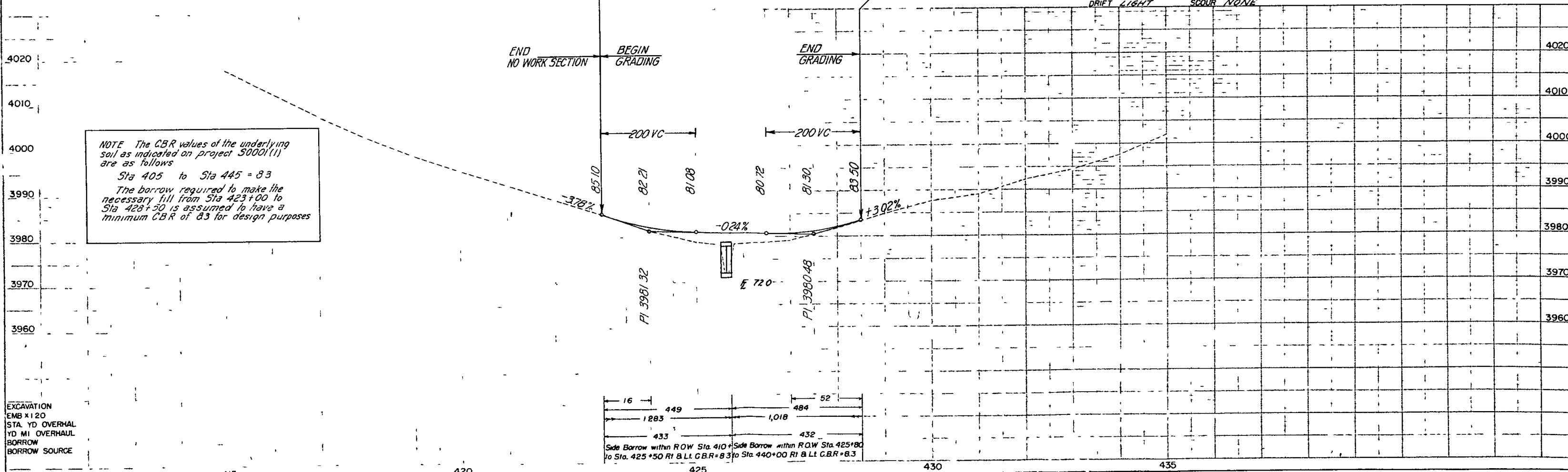
STREAM DATA

DRAINAGE AREA 2.50 MILES
VELOCITY DURING HIGH WATER
ELEVATION OF -
MAXIMUM HIGH WATER NOT AVAILABLE
LOW WATER
NORMAL STAGE
DRIFF LIGHT
STREAM BED 3972.0
SCOUR NONE

NEARBY STRUCTURES ON SAME STREAM

LOCATION NONE
WATERWAY
RECORD DURING FLOODS

NOTE: The CBR values of the underlying soil as indicated on project S0001(1) are as follows:
Sta 405 to Sta 445 = 83
The borrow required to make the necessary fill from Sta 423+00 to Sta 428+50 is assumed to have a minimum CBR of 83 for design purposes

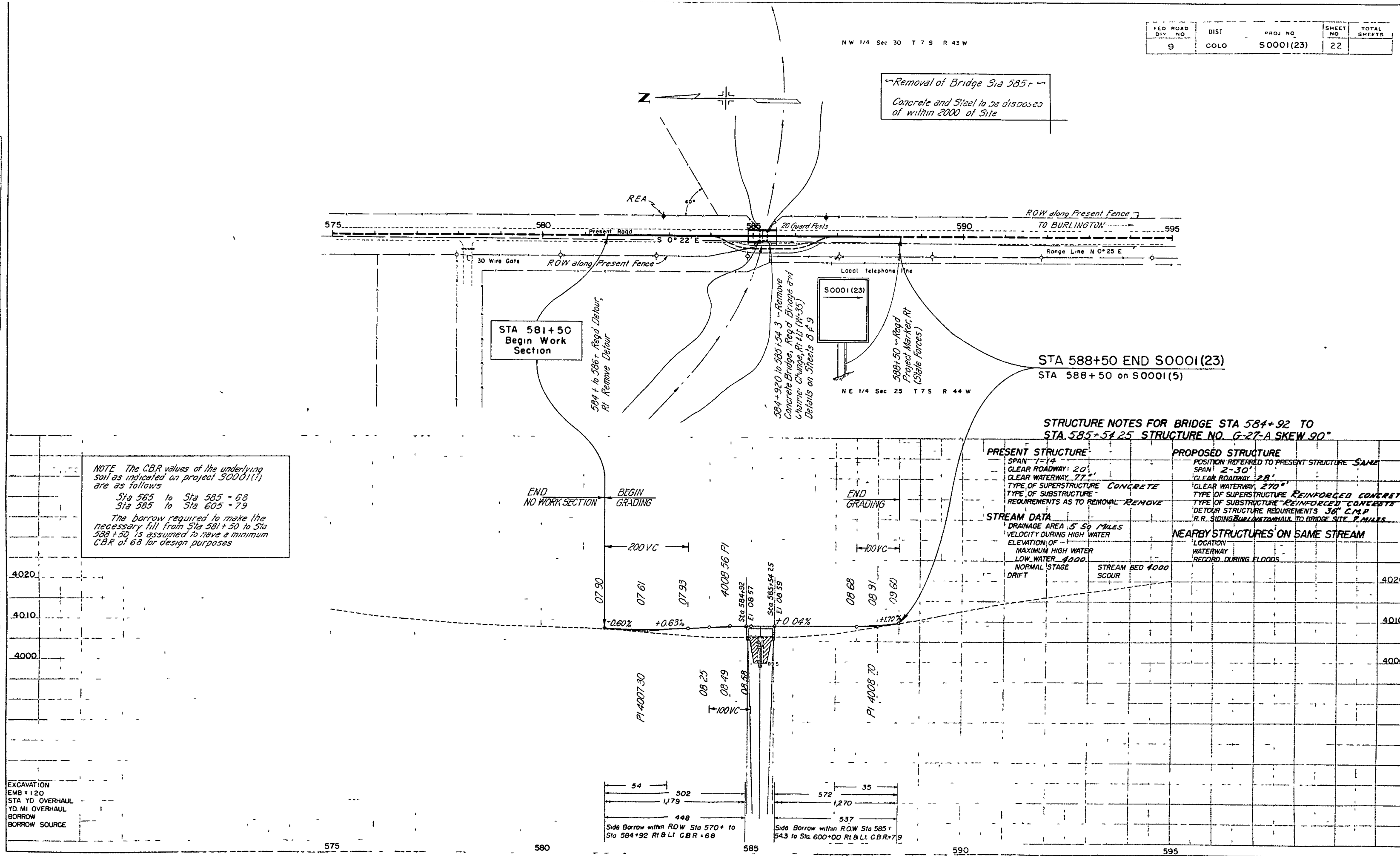


EXCAVATION
EMB X 120
STA. YD OVERHAL
YD MI OVERHAL
BORROW
BORROW SOURCE

NO 14723 RT C13 BY CHC CO.

NO 14723 RT C13 BY CHC CO.

NO 14723 RT C13 BY CHC CO.



NOTE The CBR values of the underlying soil as indicated on project S0001(1) are as follows
Sta 565 to Sta 585 = 68
Sta 585 to Sta 605 = 79
The borrow required to make the necessary fill from Sta 581+50 to Sta 588+50 is assumed to have a minimum CBR of 68 for design purposes

EXCAVATION
EMB x 120
STA YD OVERHAUL
YD MI OVERHAUL
BORROW
BORROW SOURCE

FED ROAD DIV NO	DIST	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLO	S0001(23)	22	

Removal of Bridge Sta 585
Concrete and Steel to be disposed of within 2000 of Site

STA 588+50 END S0001(23)
STA 588+50 on S0001(5)

STRUCTURE NOTES FOR BRIDGE STA 584+92 TO STA 585+54.25 STRUCTURE NO. G-27-A SKEW 90°

PRESENT STRUCTURE	PROPOSED STRUCTURE
SPAN 1-14 CLEAR ROADWAY 20' CLEAR WATERWAY 77' TYPE OF SUPERSTRUCTURE CONCRETE TYPE OF SUBSTRUCTURE REQUIREMENTS AS TO REMOVAL REMOVE	POSITION REFERRED TO PRESENT STRUCTURE SAME SPAN 2-30' CLEAR ROADWAY 28' CLEAR WATERWAY 270' TYPE OF SUPERSTRUCTURE REINFORCED CONCRETE TYPE OF SUBSTRUCTURE REINFORCED CONCRETE DETOUR STRUCTURE REQUIREMENTS 36" C.M.P. R.R. SIDING BURLINGTON HALL TO BRIDGE SITE 7 MILES
STREAM DATA DRAINAGE AREA 5.59 MILES VELOCITY DURING HIGH WATER ELEVATION OF - MAXIMUM HIGH WATER LOW WATER 4000 NORMAL STAGE DRIFT	NEARBY STRUCTURES ON SAME STREAM LOCATION WATERWAY RECORD DURING FLOODS

Side Borrow within ROW Sta 570+ to Sta 584+92 R.L. CBR = 68
Side Borrow within ROW Sta 585+54.3 to Sta 600+00 R.L. CBR = 79