W. ABUT.
E. ABUT.
EL. W ABUT. 19.92
EL E ABUT. 19.75
TOP OF 12" JOINT
12" EXP. JOINT - PREM. BIT. FIBRE FILLER & 9" RUBBER SEAL. SEE DETAIL DWG. S-5 } TYP.
3 - #5
9 - #9 @ 6"
1'-6" R.
BACK FACE OF ABUTMENT.
FRONT FACE OF BACKWALL
FRONT FACE OF ABUTMENT
88'-0"
88'-0" FASCIA TO FASCIA OF STRUCTURE
6'-10"
1'-0"
30'-6" W. ABUTMENT
27'-6" E. ABUTMENT
℄ MEDIAN
12" EXP. JOINT
27'-6" W. ABUTMENT
30'-6" E. ABUTMENT
EL W ABUT. 19.92
EL E ABUT. 19.75
THESE ARE EL AT TOP OF BRIDGE SEAT } SET 'A'
BEVEL OF BRIDGE SEAT
EL W ABUT. 18.99
EL E. ABUT. 18.10
B
TOP PLAN SCALE 1/8" = 1'-0"

WEST ABUTMENT LOOKING SOUTH
EAST ABUTMENT LOOKING NORTH
BRIDGE SEAT
1/2" BEVEL
CONCRETE QUANTITIES OF SHADED AREA ARE INCLUDED IN B. OF M. ITEMS ON THIS SHEET.
EL W ABUT 19.92
EL E ABUT 19.75
POUR AFTER BOX GIRDERS ARE IN PLACE.
2 - #8 E.F.
#7 @ 12"
GIVEN EL.
FOR ELEVATIONS SEE TOP PLAN
DETAIL "A" SCALE 1" = 1'
SHOWING BRIDGE SEAT AT ABUTMENTS
DETAIL "B" FULL SIZE
SHOWING RUSTICATION DETAIL

A
EL. 22.40 W ABUT
EL. 22.41 E. ABUT
SIDEWALK BACKWALL LEVEL
EL. W. ABUTMENT 21.41
EL. E. ABUTMENT 21.56
SUPERSTRUCTURE OUTLINE
TOP OF BACKWALL LEVEL
EL. W. ABUTMENT 19.92
EL. E. ABUTMENT 19.75
SIDEWALK BACKWALL LEVEL
EL. W. ABUTMENT 21.56
EL. E. ABUTMENT 21.22
EL 22.60 W ABUT
EL 22.22 E. ABUT.
4 - #8
BONDED CONSTRUCTION JOINT
FOR STEEL CONDUIT & ELECTRICAL DETAILS SEE SHEET NO. 4-7
BRIDGE SEAT SLOPES 1/8 PER FT. FROM ℄ MEDIAN. FOR ELEVATIONS SEE TOP PLAN
BONDED CONSTRUCTION JOINT
FOR STEEL CONDUIT & ELECTRICAL DETAILS SEE SHEET NO. 4-7
RUSTICATION EL 11.08 W. ABUT. SEE DETAIL 'B' EL 10.00 E. ABUT.
NAME PLATE AT NORTH END OF W. ABUT. AND AT SOUTH END OF E. ABUT. FACE OF PLATE TO BE FLUSH WITH FACE OF ABUT. DETAILS SHEET 22
EL. 2.00 W ABUT
EL. 3.50 E ABUT
B
ELEVATION SCALE 1/8" = 1'-0"

FOR INFORMATION ONLY

A
88'-6"
1'-8" 1'-6" 1'-0" 6'-3"
30'-3" W. ABUTMENT
27'-3" E. ABUTMENT
5'-0"
27'-3" W. ABUTMENT
30'-3" E. ABUTMENT
6'-3"
1'-0" 1'-6" 1'-11"
12'-0"
FOR WINGWALL DETAILS SEE DRWG. NO. S-4, SH. NO. 5
℄ EXISTING 63RD ST. EAST ABUTMENT ONLY
℄ MEDIAN
℄ EXISTING 63RD ST. WEST ABUTMENT ONLY
3'-9"
OUTSIDE FACE OF WINGWALL AND STRUCTURE FASCIA. FOR WINGWALL DETAILS SEE DRWG. NO. S-4, SH. NO. 5.
℄ OF JOINT
2 - #8
2 - #8
1/2" EXPANSION JOINT
#5 @ 12"
#5 @ 12"
90°-00'-00"
8" RUBBER WATER SEAL
℄ EXP. JOINT
℄ OF JOINT
STA 13 + 32.12 EAST ABUT.
#5 @ 12"
STA 16 + 48.97 WEST ABUT.
FOOTING PLAN SCALE 1/8" = 1'-0"

SECTION A-A SCALE 1/4" = 1'-0"
SHOWING TYPICAL SECTION THRU ABUTMENT

SIDEWALK
3'-4"
1'-0" 1'-0" 1'-4"
EXPANSION JT.
3 - #5 E.F.
WING WALL
#5 @ 12"
FOR ELEVATIONS SEE TOP PLAN
BONDED CONST. JOINT
GIRDER
℄ EXP. JOINT
1'-0" 2'-4"
SECTION B-B SCALE 1/2" = 1'-0"
SHOWING DETAIL OF ABUTMENT AT SIDEWALKS

W. ABUT.
PIER 1
PIER 2
PIER 3
PIER 4
E. ABUT.
℄ EXISTING 63RD ST.
℄ MEDIAN
KEY PLAN

BILL OF MATERIALS - ABUTMENTS & W. WALLS

ITEM	UNIT	QUANTITY
CLASS 'X' CONCRETE	CU YDS	914.2
REINFORCEMENT BARS	LBS	122,700
NAME PLATES	EACH	2

NOTES
FOR WING WALL DETAILS SEE DRWG NO 5-4, SH 5
FOR DRAINAGE AND EXCAVATION DETAILS SEE DRWG NO S-2, SH. 3
FOR DETAILS OF STEEL CONDUIT & ELECTRICAL DETAILS SEE SHEET NO. 4-7

REVISIONS

DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
DANIEL BYRD, PRESIDENT BOARD OF COMMISSIONERS
WILLIAM J. BOETTCHER, SUPERINTENDENT OF HIGHWAYS

EAST & WEST ABUTMENTS
63RD STREET GRADE SEPARATION
OVER
SOUTH ROUTE EXPRESSWAY

COMPUTED S.S. PROJECT BUI-94-3(55)56
DRAWN R.M.S. SCALE AS SHOWN
CHECKED E.W.C. APPROVED

APPROVED January 1, 1960
Superintendent of Highways

F.A.I. Route No.	County Highway	Sheet No.	Total Sheets	Drawing No.
94	066-1920-C.F.	A	48	S-3

DE LEUW, CATHER & COMPANY
CONSULTING ENGINEERS
CHICAGO

CONTRACT NO. 60J15
SHEET NO. 113 OF 137