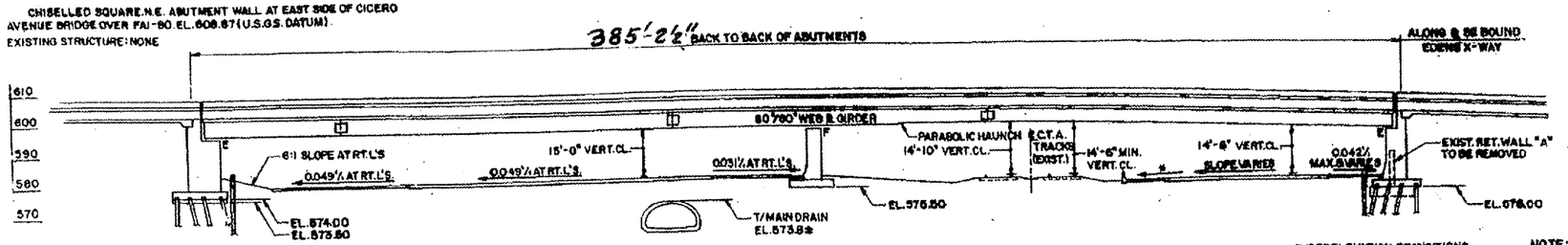
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAI 94	0101.2 A-1	COOK	18	10

CONTRACT 60E14

B.M.
CHISELLED SQUARE N.E. ABUTMENT WALL AT EAST SIDE OF CICERO AVENUE BRIDGE OVER FAI-90 EL. 608.67 (U.S.G.S. DATUM)
EXISTING STRUCTURE: NONE



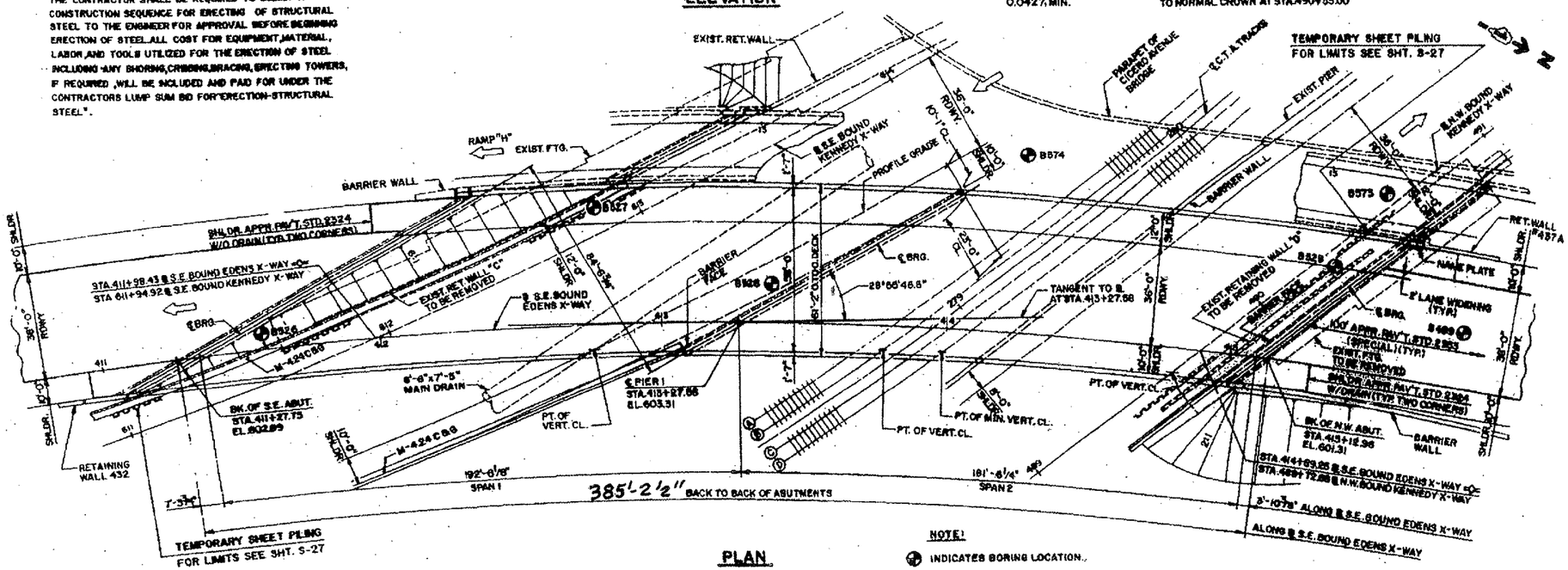
NOTE "A":
THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A CONSTRUCTION SEQUENCE FOR ERECTING OF STRUCTURAL STEEL TO THE ENGINEER FOR APPROVAL BEFORE BEGINNING ERECTION OF STEEL. ALL COST FOR EQUIPMENT, MATERIAL, LABOR AND TOOLS UTILIZED FOR THE ERECTION OF STEEL INCLUDING ANY SHORING, CRIBBING, BRACING, ERECTING TOWERS, IF REQUIRED, WILL BE INCLUDED AND PAID FOR UNDER THE CONTRACTORS LUMP SUM BID FOR "ERECTION-STRUCTURAL STEEL".

ELEVATION

NOTE:
* 0.048¼ MAX.
0.042½ MIN.

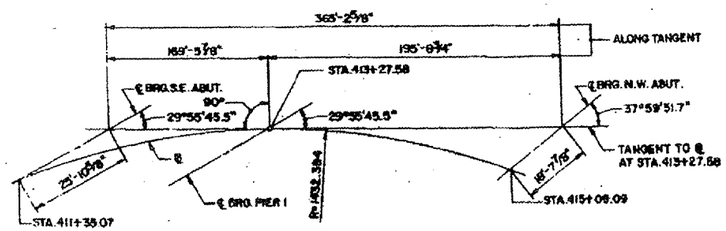
SUPERELEVATION TRANSITIONS
N.W. BOUND KENNEDY
FROM 0.048¼ AT STA. 487+55.00
TO NORMAL CROWN AT STA. 490+55.00

NOTE:
FOR BILL OF MATERIAL SEE SHT. S-2



PLAN

NOTE:
● INDICATES BORING LOCATION.



OFFSET SKETCH

DESIGN SPECIFICATIONS:
AASHTO 1989 STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES

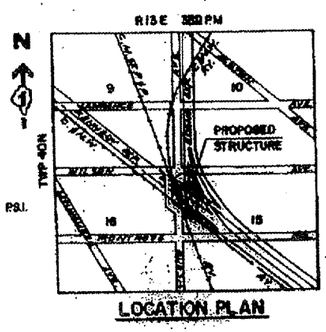
DESIGN LOADING:
H320+44, ALT. MILITARY LOADING AND 25 P.S.F. FUTURE WEARING SURFACE.

DESIGN STRESSES:

REINFORCED CONCRETE:
f'_c = COMPRESSIVE STRENGTH OF CONCRETE FOR DECK AND SUBSTRUCTURE = 3,500 P.S.I.
f_y = YIELD STRENGTH OF REINFORCING BARS (GRADE 60) = 60,000 P.S.I.

STRUCTURAL STEEL:
f_y = YIELD STRENGTH OF STRUCTURAL STEEL = 50,000 P.S.I.
--"-- --"-- --"-- CROSS FRAMES = 36,000 P.S.I.

DESIGN METHOD:
LOAD FACTOR



LOCATION PLAN

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
I-94 (EB) OVER I-90