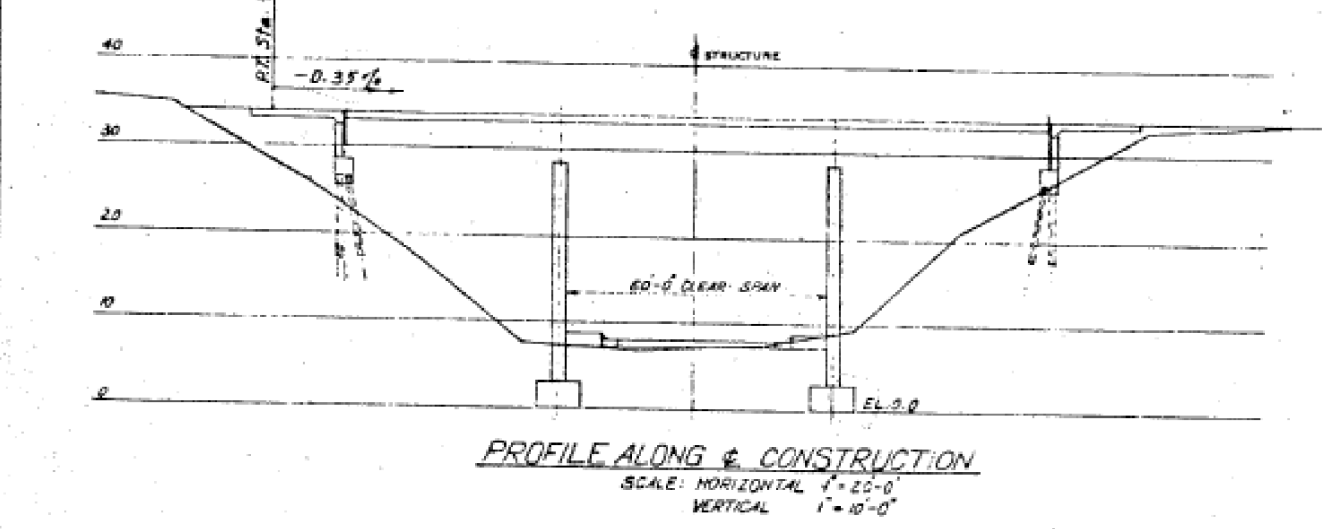
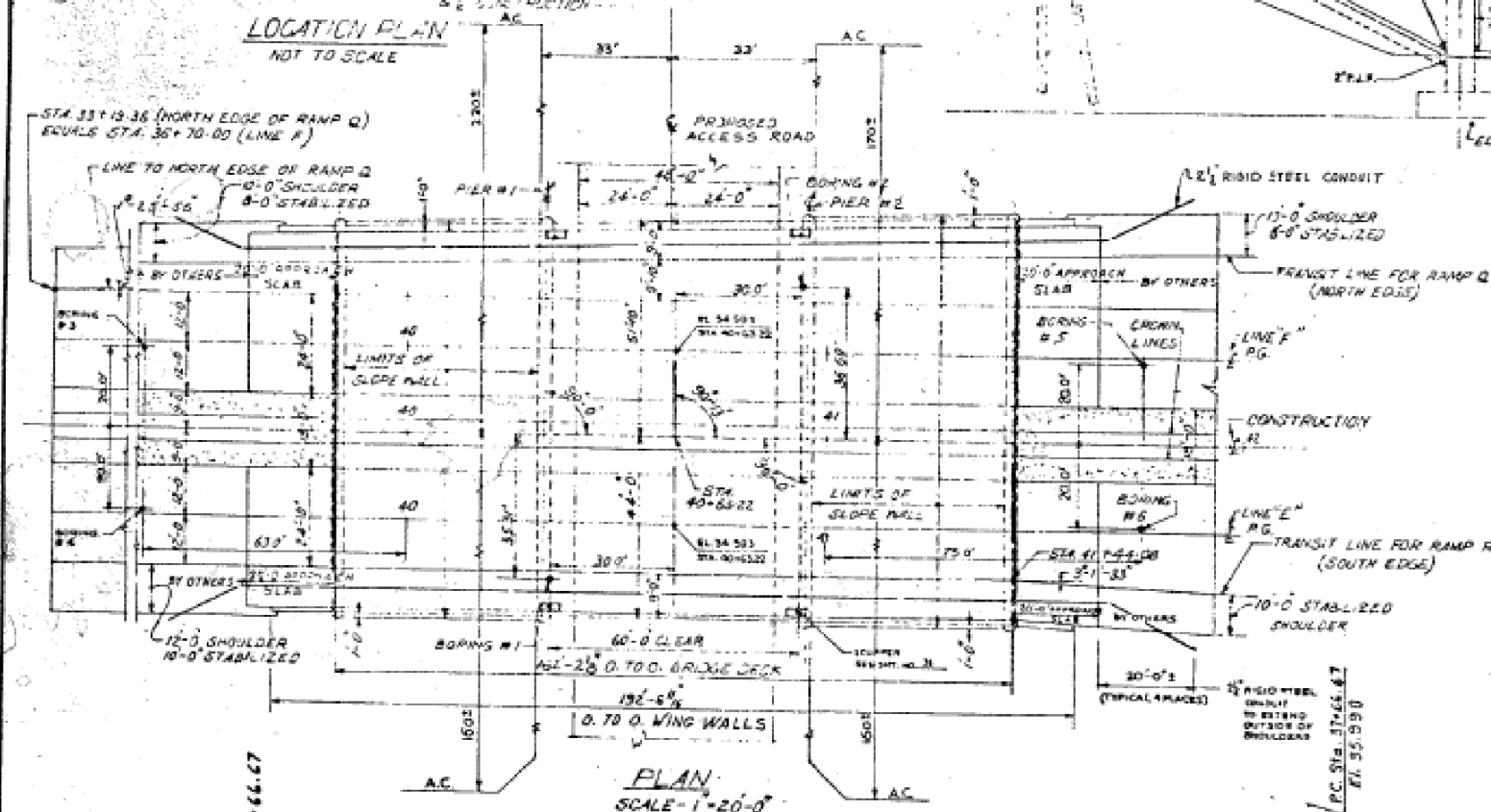
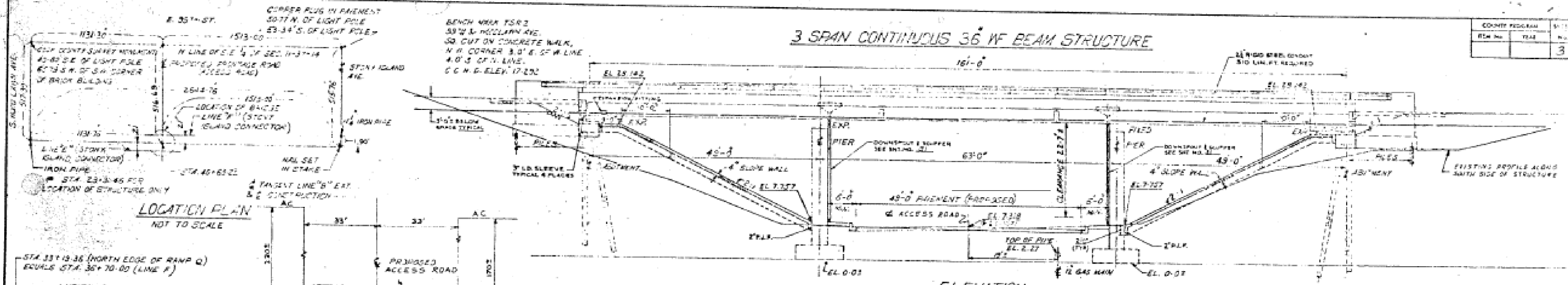


3 SPAN CONTINUOUS 36" WF BEAM STRUCTURE

COUNTY PROGRAM	1411
REV. NO.	3



NOTE: SECURE CONDUIT TO STRUCTURE WITH MECHANICAL CONDUIT HANGERS AND/OR CLAMPS AT NOT MORE THAN 5'-0" ON CENTERS A MINIMUM OF TWO CONDUIT CLAMPS PER RUN OF CONDUIT USE MECHANICAL MEANS TO SECURE CONDUIT AND FITTING. NO WELDING PERMITTED. SEE SPECIAL PROVISION.

- DESIGN LOADS**
LIVE LOAD - A.A.S.H.O. HS 20-44 & ALTERNATE EARTH PRESSURE 40 RICH. FT. EASY FLUID
- DESIGN STRESSES**
STRUCTURAL STEEL (A36) 20,700 P.S.I.
REINFORCEMENT BARS 20,000 P.S.I.
CONCRETE (WITHOUT EARTH PRESSURE) 1,200 P.S.I.
CONCRETE (WITH EARTH PRESSURE) 1,500 P.S.I.
f_c = 10
- SUPERSTRUCTURE**
3-SPAN CONTINUOUS WIDE FLANGE BEAMS & CONCRETE SLAB BRIDGE (48'-0", 63'-0", 48'-0" SPANS) WITH TWO 24'-0" ROADWAYS, TWO 6'-0" MEDIAN SHOULDERS PLUS 5'-0" FLUSH MEDIAN, VARIABLE LANE FOR RAMP "Q", 10'-0" SHOULDER (NORTH SIDE) AND 10'-0" & 12'-0" SHOULDERS (SOUTH SIDE).
- SUBSTRUCTURE**
REINFORCED CONCRETE PILE CAP ABUTMENTS
REINFORCED CONCRETE PIERS ON SPREAD FOOTINGS.
- TRAFFIC**
DESIGN DESIGNATION - 2-53B (87) PR-3.
AVERAGE DAILY TRAFFIC - 25,390 VEHICLES, DESIGN HOUR VOLUME - 1997
1,538 VEHICLES, AVERAGE DAY TRUCK TRAFFIC - WEST BOUND 2,540
EAST BOUND 2,540 - DESIGN SPEED 50 MPH PER 1997
MAX. DESIGN - SOIL PRESSURE 5,000 P.S.F.

ITEM	QUANTITY	UNIT
SLOPE WALL	1024.0	LSYD8.
2" RIGID STEEL CONDUIT	513.0	LSYD8.

SEE SECTION 618 OF THE STANDARD SPECIFICATION

Structure
Sta. 40+63.22
El. 34.593
(Top of Deck Surfacing)

PROFILE GRADE ALONG & LINE E' & LINE F'

V.C. 200'

DATE	BY	DESCRIPTION
7-28-20	B.S.R.	WINSHALLS SHORTENED AS REQUESTED BY STATE

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

GEORGE W. BUNNE
MEMBER BOARD OF SUPERVISORS

PHOENIX S. COOK
MEMBER BOARD OF SUPERVISORS

GENERAL PLAN
STONY ISLAND CONNECTOR TO FAI.94
OVER ACCESS ROAD TO FRONTAGE ROAD

PROJECT: 2012-059-BR
SUBMITTED: 03/29/13

DESIGNED: J.P. LEE
CHECKED: J.P. LEE
DATE: 03/29/13

SECTION NUMBER: 174A
SHEET NO.: 3

USER NAME :	DESIGNED - GFP/ GMK	REVISED -
PLOT SCALE :	DRAWN - GFP	REVISED -
PLOT DATE :	CHECKED - GMK	REVISED -
FILE NAME :	DATE - 03/29/13	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN (FOR INFORMATION ONLY)
SN 016-2439

SHEET NO. S9 OF S18 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	484
CONTRACT NO. 60J12				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				