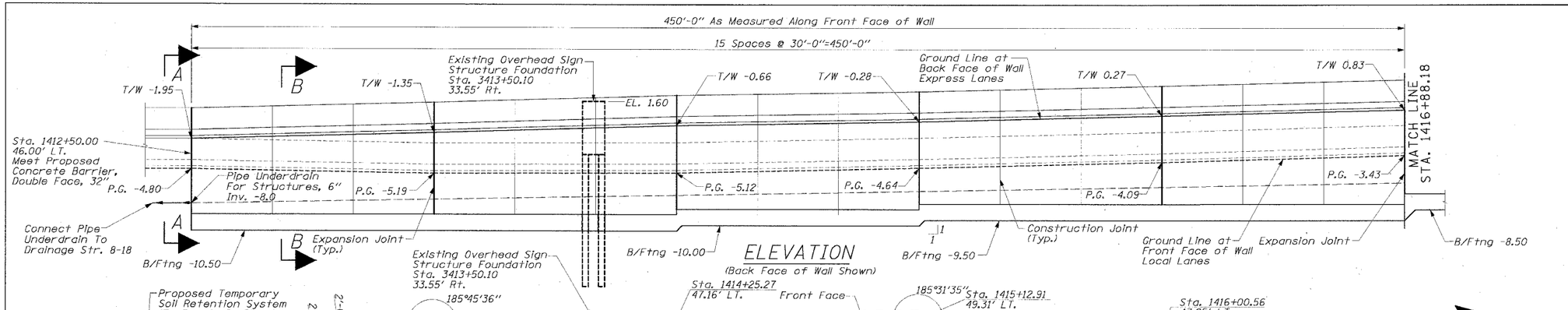
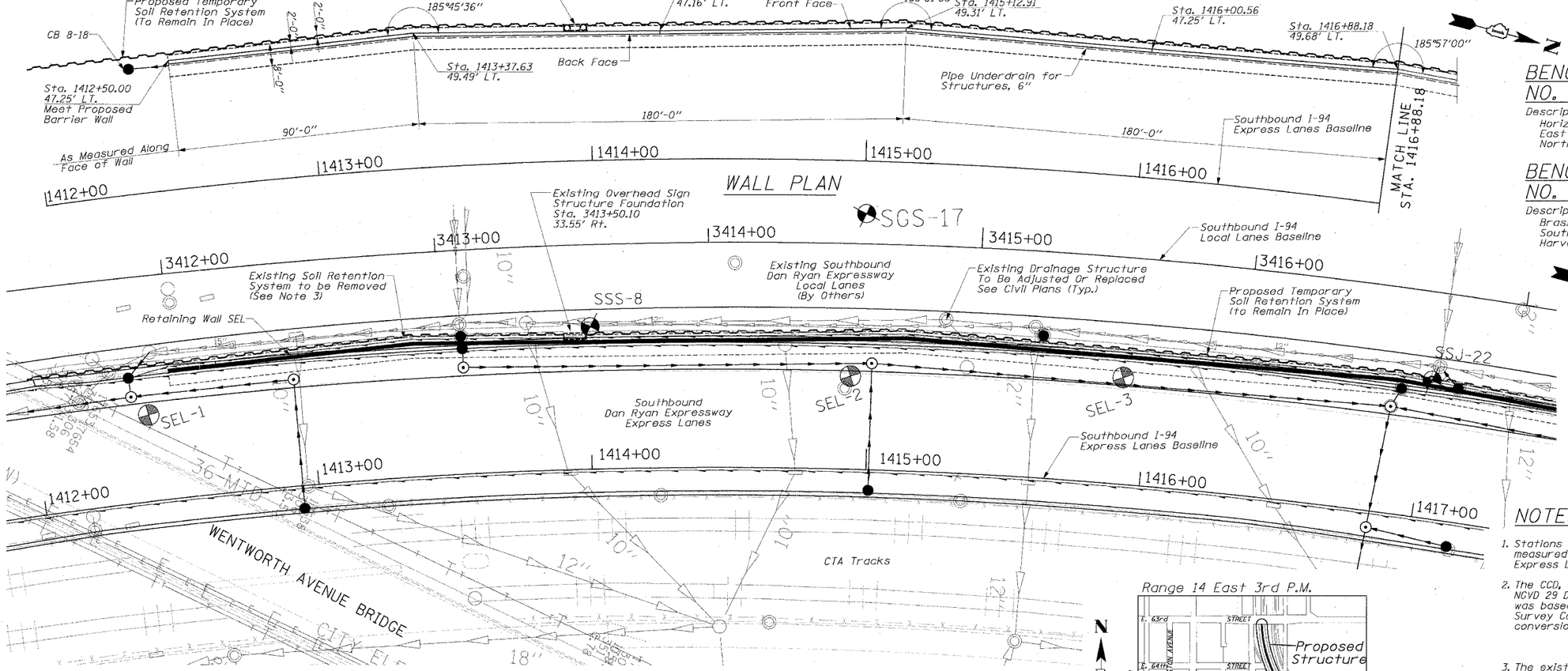
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	435
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

62302 * (1818, ETC. 2324.6-1P)R-9



ELEVATION
(Back Face of Wall Shown)



WALL PLAN

TOPOGRAPHIC PLAN

BENCH MARK
NO. 3532 ELEV. 18.84

Description:
Horizontal bolt on CTA "EL" structure, East side of Wells St. Approx. 50 feet North of 59th Place.

BENCH MARK
NO. 3533 ELEV. 19.71

Description:
Brass Disk (CTA Monument) at Southwest corner of 63rd St and Harvard St.

LEGEND:

B/Ftng = Bottom Of Footing Elev.
T/W = Top Of Wall Elev.
P.G. = Proposed Ground Elev.
SEL-1 Soil Boring Location

NOTES:

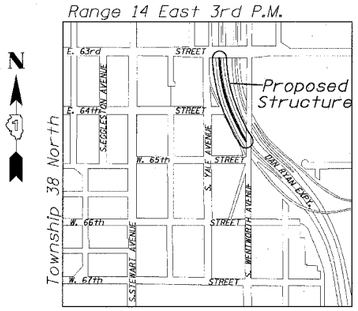
1. Stations and Offsets for the Retaining Wall are measured from the Base Line of I 94/90 SB Express Lanes.
2. The CCD, by City Ordinance, is based on the NGVD 29 Datum. The mapping for the project was based on the NAVD 88 Datum. American Survey Consultants has computed the following conversion factor from CCD to NAVD 88:

   NAVD 88 Elevation = CCD + 579.19

3. The existing Soil Retention System to be removed was placed during contract 62589, and is shown as indicated on the contract plans for contract 62589. The contractor must field verify its location.

SEL-1

Range 14 East 3rd P.M.



LOCATION SKETCH

HIGHWAY CLASSIFICATION

F.A.I. 94 / 90 (Dan Ryan Expressway)
Class: Urban Interstate
ADT: 272,000 (2000)
DHV: 7,410
Posted Speed: 55 MPH
Design Speed: 60 MPH

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi (Reinf.)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specification for Highway Bridges

Edwards AND Kelcey
ONE NORTH FRANKLIN
CHICAGO, IL 60606
PHONE: (312) 251-3000
FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
RETAINING WALL SEL
GENERAL PLAN AND ELEVATION
SB STA. 1412+50 TO STA. 1416+88.18
STRUCTURE NO. NONE

SCALE: 0' 20' 40'
DATE: 7/7/05
DRAWN BY: ABW
CHECKED BY: EL

p:\0300\0035\Con 148\15\CADD\15\Retaining Wall\PlanSet-Find\retwall-01.dgn
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