

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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LEGEND

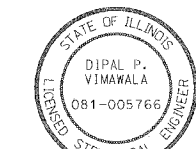
- (C) - Construction Joint
- (E) - Expansion Joint
- ← - Direction of Traffic
- ⊙ - Soil Boring Location
- ▨ - Removal of Existing Structures
- ▩ - Chain Link Fence, 42" Attached to Structure (Special)
- - New Structure
- - Existing Structure

NOTES:

1. For High Mast Light Tower Details, see LTF Sheets.
2. For Chain Link Fence, 42" Attached to Structure (Special) Details, see Sheet SD1.
3. For Chain Link Fence, 42" Gate (Special) Details see Sheets SD2-SD5.
4. For Rustication Details, see Sheet SD6.
5. For Utilities Symbols, see Civil Drawings.

**APPROVED**  
FOR STRUCTURAL ADEQUACY ONLY

*Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES



10-29-04  
EXPIRATION DATE: 11-30-2004

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	289
STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
			62693	

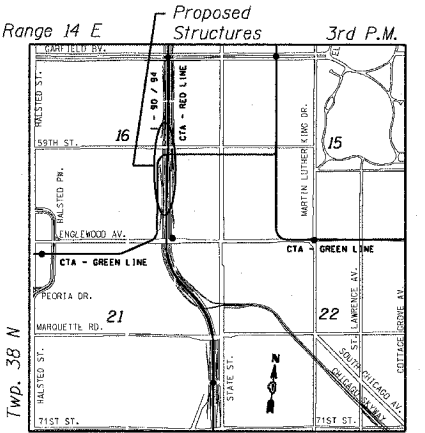
TOTAL BILL OF MATERIAL		
Item	Unit	Quantity
Removal of Existing Structures No. 2	Each	1
Porous Granular Embankment	Cu Yd	3,561
Porous Granular Embankment, Special	Cu Yd	370
Concrete Removal	Cu Yd	80
Structure Excavation	Cu Yd	4,004
Concrete Structures	Cu Yd	1,192
Concrete Superstructure	Cu Yd	245
Protective Coat	Sq Yd	1,960
Rustication Finish	Sq Ft	9,031
Reinforcement Bars, Epoxy Coated	Pound	166,570
Pipe Underdrains for Structures, 6"	Foot	739
Temporary Soil Retention System	Sq Ft	12,080
Temporary Sheet Piling	Sq Ft	3,800
Chain Link Fence, 42" Attached to Structure (Special)	Foot	1,420
Chain Link Fence, 42" Gate (Special)	Each	1

DESIGN SPECIFICATIONS

2002 AASHTO, Standard Specifications for Highway Bridges

DESIGN STRESSES

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



Sheet Eb1 of 23

REVISIONS	
NAME	DATE
JSS	01/06/05

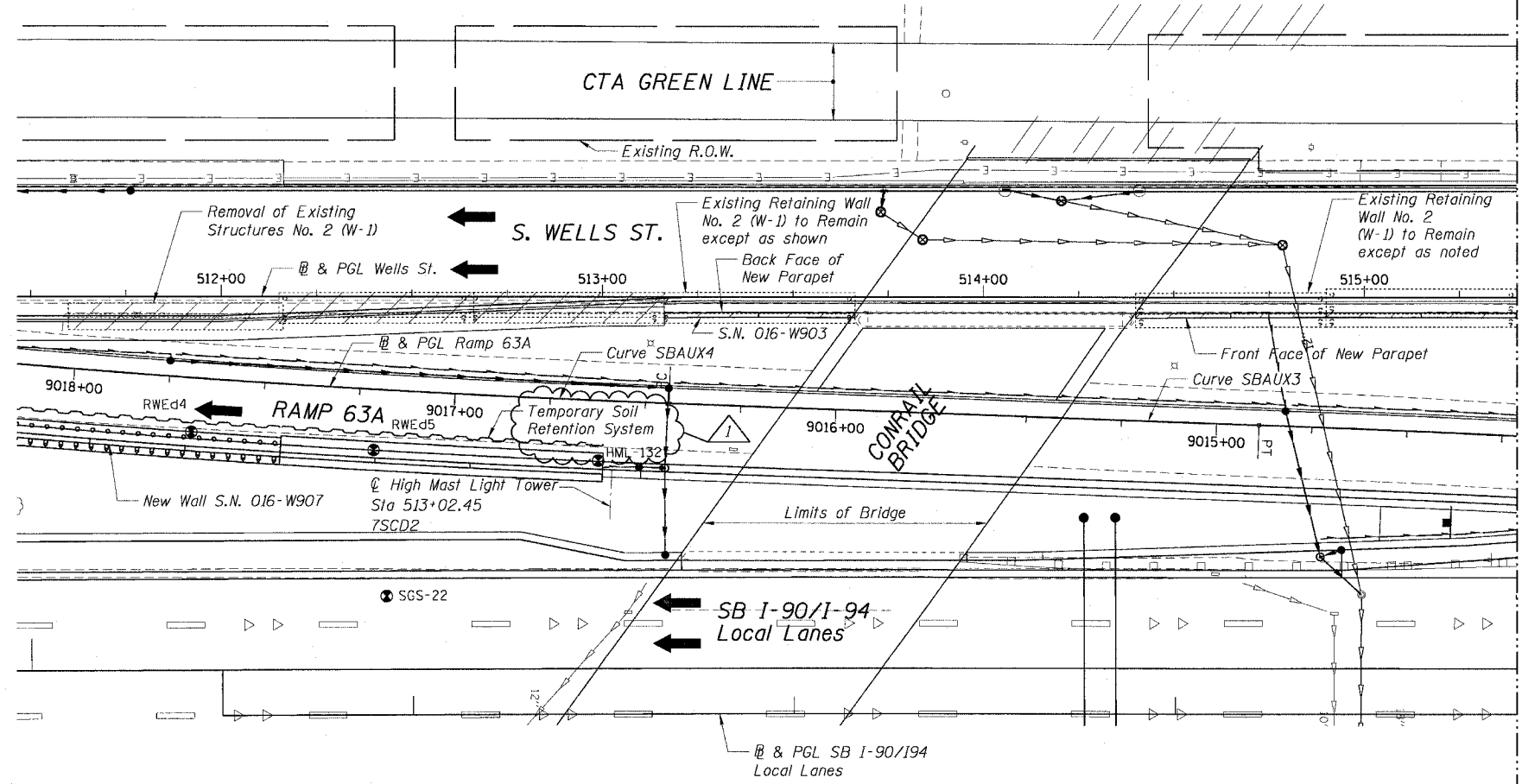
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
GENERAL PLAN I  
SOUTH WELLS STREET RETAINING WALL  
WEST 62ND STREET TO WEST 59TH STREET  
SECTION 2021-922PT.1-AC  
STATION 513+16.20 TO 528+23.69  
COOK COUNTY SN. 016-W906-W903  
SCALE: None DRAWN BY: ET/CHD  
DATE: October 29, 2004 CHECKED BY: CG/MM

Bench Mark:

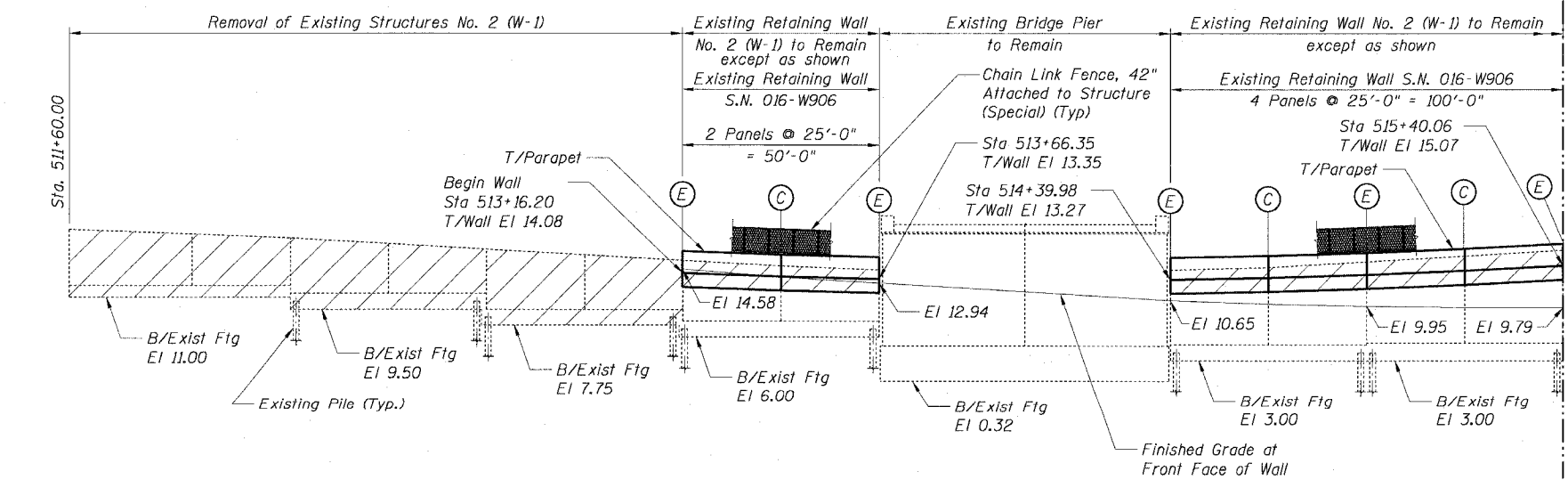
No. 3533 Brass disk (CTA Monument) at the Southwest corner of 63rd St. and Harvard Ave. El. 19.71

Existing Structure:

1. Cast-in-place cantilever retaining wall W-1 on piles with variable height.
2. Sta. 511+60.00 to Sta. 527+99.28.
3. No Salvage



PLAN



FRONT FACE ELEVATION  
(Looking West)



02-48-36 FM 01/06/2005