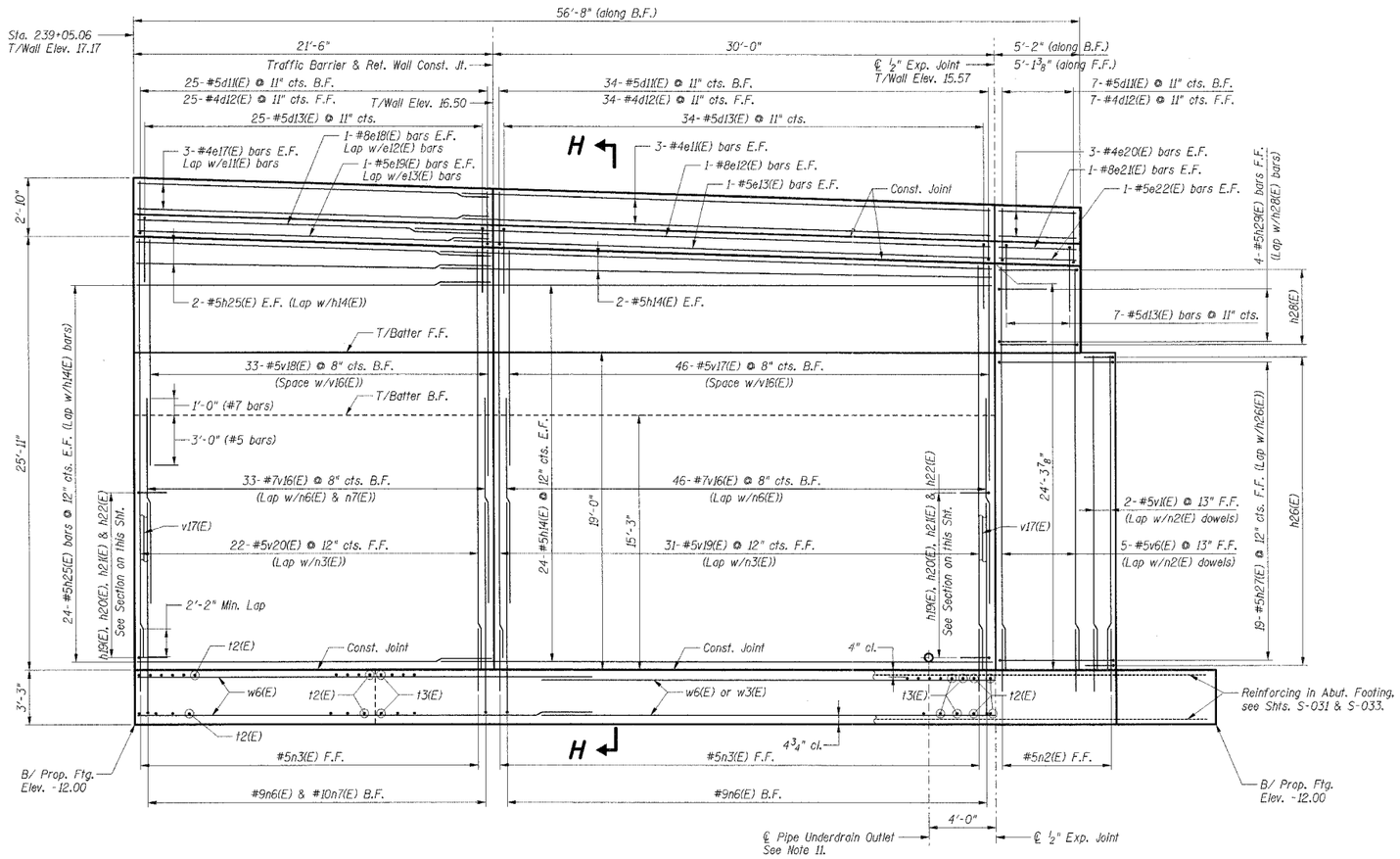
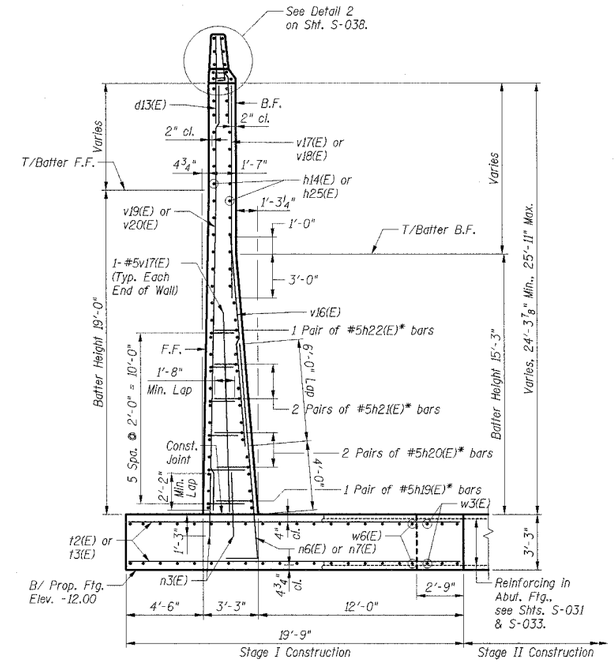
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	613
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62304
*(1516.1, 1717, & 1818) R-4



ELEVATION - NORTHWEST RETAINING WALL

(Looking Southeast)



* Lap w/h14(E) or h25(E) bars
(Typ. Each End of Wall)

SECTION H-H

Lap Lengths		
Bar	Min. Vert. Lap	Min. Hor. Lap
#4	-	1'-8"
#5	2'-2"	2'-2" or 3'-0"*
#6	2'-7"	-
#7	3'-5"	-
#8	4'-6"	4'-6"
#9	5'-9"	-

* 2'-2" @ Traffic Barrier
3'-0" @ Ret. Wall

Notes:

1. Work this sht. with Shts. S-030, S-031, S-033 and S-037 thru S-039.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Bars indicated thus 3x5-#4 etc. indicates 3 lines of bars with 5 lengths per line.
4. All dimensions shown are along back face of wall at the toe of Traffic barrier.
5. F.F. indicates Front Face,
   B.F. indicates Back Face,
   E.F. indicates Each Face.
6. For Removal details, see Sht. S-004.
7. For Bar List & Bill of Material, see Sht. S-039.
8. For typical wall details, see Sht. S-040.
9. For Detail 2, see Sht. S-038.
10. For additional reinforcement, see Sht. S-037.
11. Tie pipe underdrain to structure number 582 (see Drainage Plans). For typical underdrain details, see Sht. S-040.

SHT. S-036

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 57 (INTERSTATE 57)
I-57 NB OVER WB CONNECTOR
SN 016-0072 OLD, SN 016-2852 NEW
STA. 238+73.54
COOK COUNTY, SECTION (1516.1, 1717, & 1818) R-4
NORTHWEST RETAINING WALL

DATE: 03/07/06
DRAWN BY: FD
CHECKED BY: TCU

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312.616.0000

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