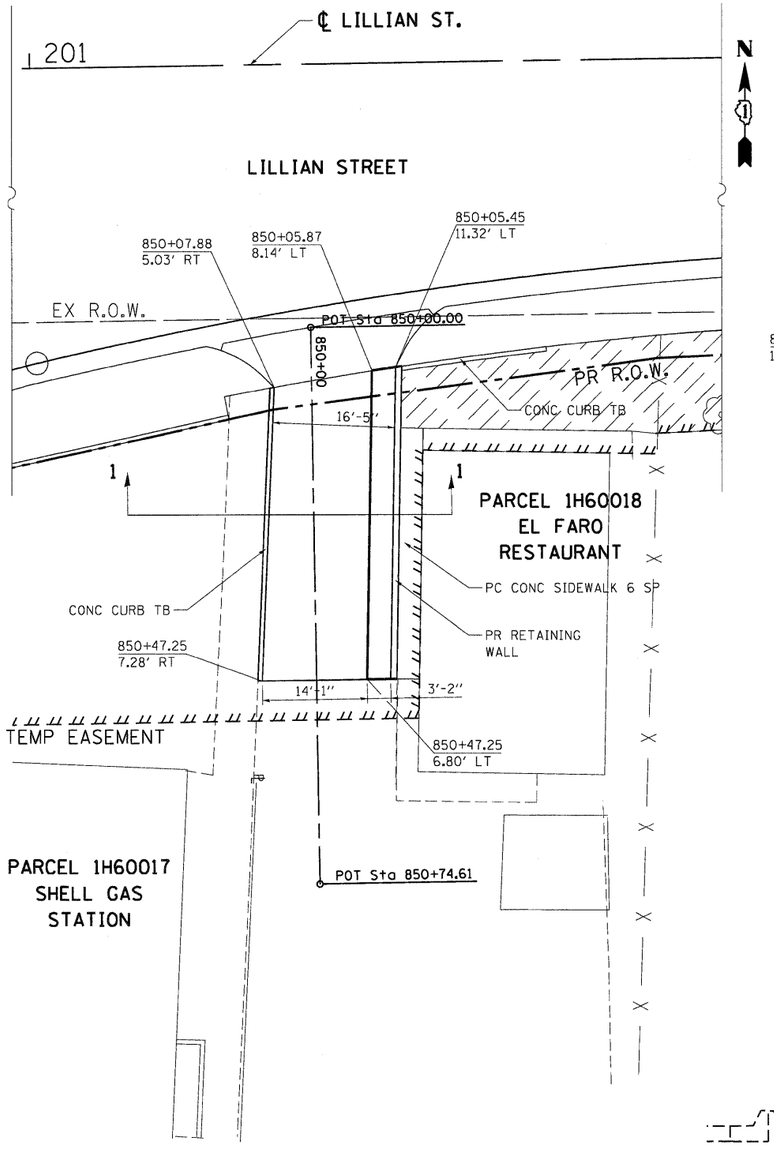
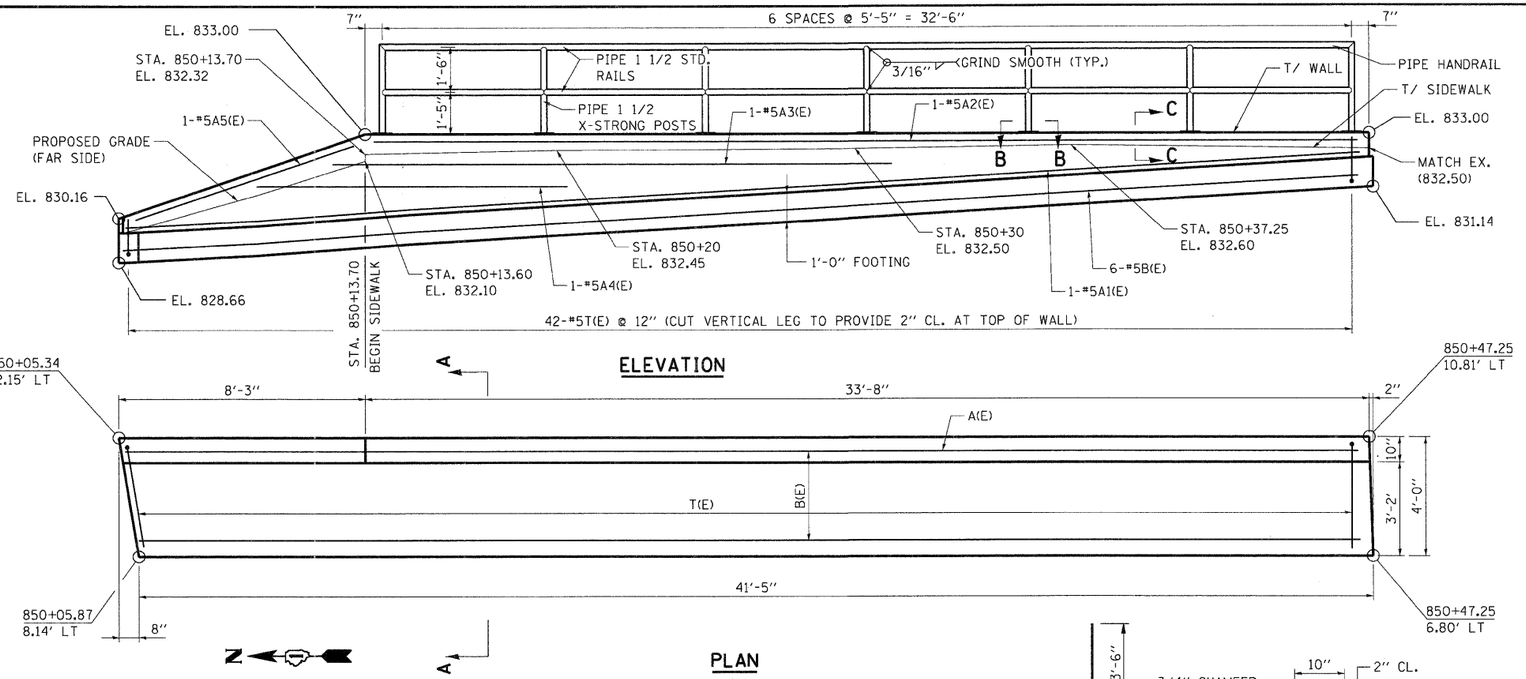
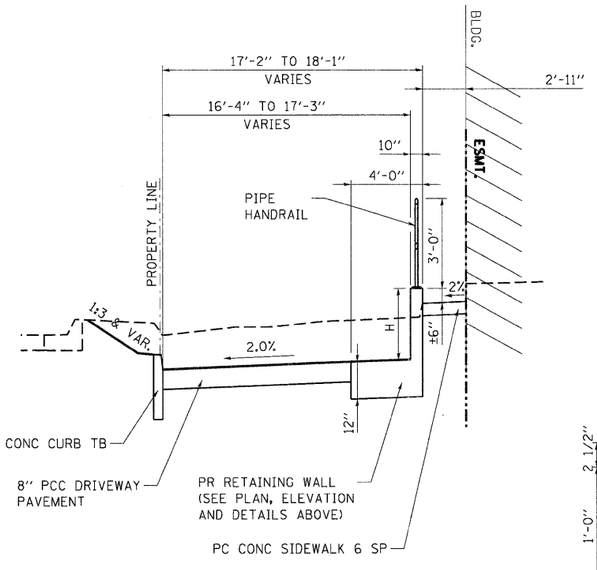






H = VARIES 6" TO 2'-10"

SECTION 1-1

N.T.S.

ALIGNMENT COORDINATES - EL FARO DRIVEWAY

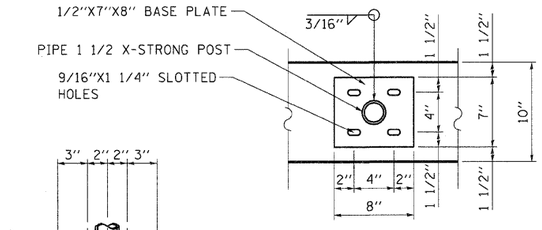
DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
P.O.T. ELFARO1	1,951,940.926	990,203.846	850+00.00	0.00 FT
P.O.T. ELFARO2	1,951,866.328	990,204.986	850+74.61	0.00 FT

PLAN

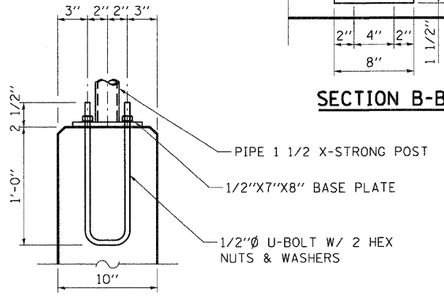
1"=30"

BAR LIST

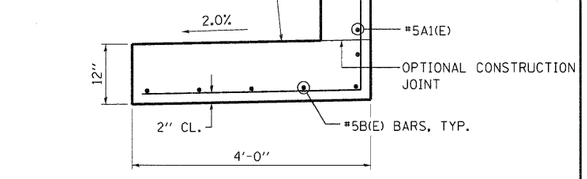
BAR	NO.	SIZE	LENGTH	SHAPE
A1(E)	1	#5	41'-6"	——
A2(E)	1	#5	33'-3"	——
A3(E)	1	#5	24'-9"	——
A4(E)	1	#5	10'-8"	——
A5(E)	1	#5	8'-10"	——
B(E)	6	#5	41'-3"	——
T(E)*	42	#5	7'-2"	⌞



SECTION B-B



SECTION C-C



* CUT T(E) BARS IN FIELD TO FIT

SECTION A-A

(SHOWING REINFORCEMENT)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
CONCRETE STRUCTURES	CU. YD.	8.5
PROTECTIVE COAT	SQ. YD.	30
REINFORCEMENT BARS, EPOXY COATED	POUNDS	700
PIPE HANDRAIL **	FOOT	32.5

** COST OF U-BOLTS, NUTS AND WASHERS INCLUDED WITH PIPE HANDRAIL.

NOTE:

1. PROTECTIVE COAT SHALL BE APPLIED ON THE EXPOSED SURFACES OF THE RETAINING WALL.
2. THE RAILS, POSTS, BASE PLATES, U-BOLTS, NUTS AND WASHERS OF THE PIPE HANDRAIL ASSEMBLY SHALL BE GALVANIZED, AND ALL EXPOSED SURFACES PAINTED REDDISH BROWN.

\\DIMASTER-NL\DMM1.DGN\..\DIMASTER-ROW\ROW.DGN\..\D160H45-DESIGN\DGN\..\D160H45-TOPO1.DGN\..\D160H45-BORDER1.DGN\..\D160H45-XSECL FARO WORK\NC.DGN
12-12-2011,12:46:54 BAZEKAS \\FS-NDH-01\VOL1\D-T\ROWS\@TX1232\2132TH-B08\CIVIL\CAD\D160H45\SHEET\D160H45-SHT-ROADDETEL1.DGN

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - MDB	REVISED -	
		DRAWN - MRK	REVISED -	
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - DDH	REVISED -	
	PLOT DATE = $DATE$	DATE - 12/16/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

ROADWAY DETAILS
RETAINING WALL ON PARCEL 18

SCALE: 1"=10' | SHEET NO. OF | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	107
		CONTRACT NO. 60H45		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		