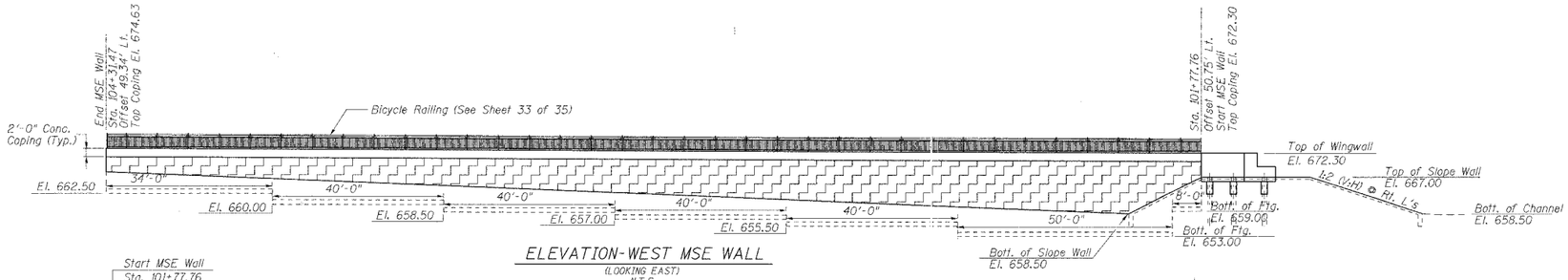
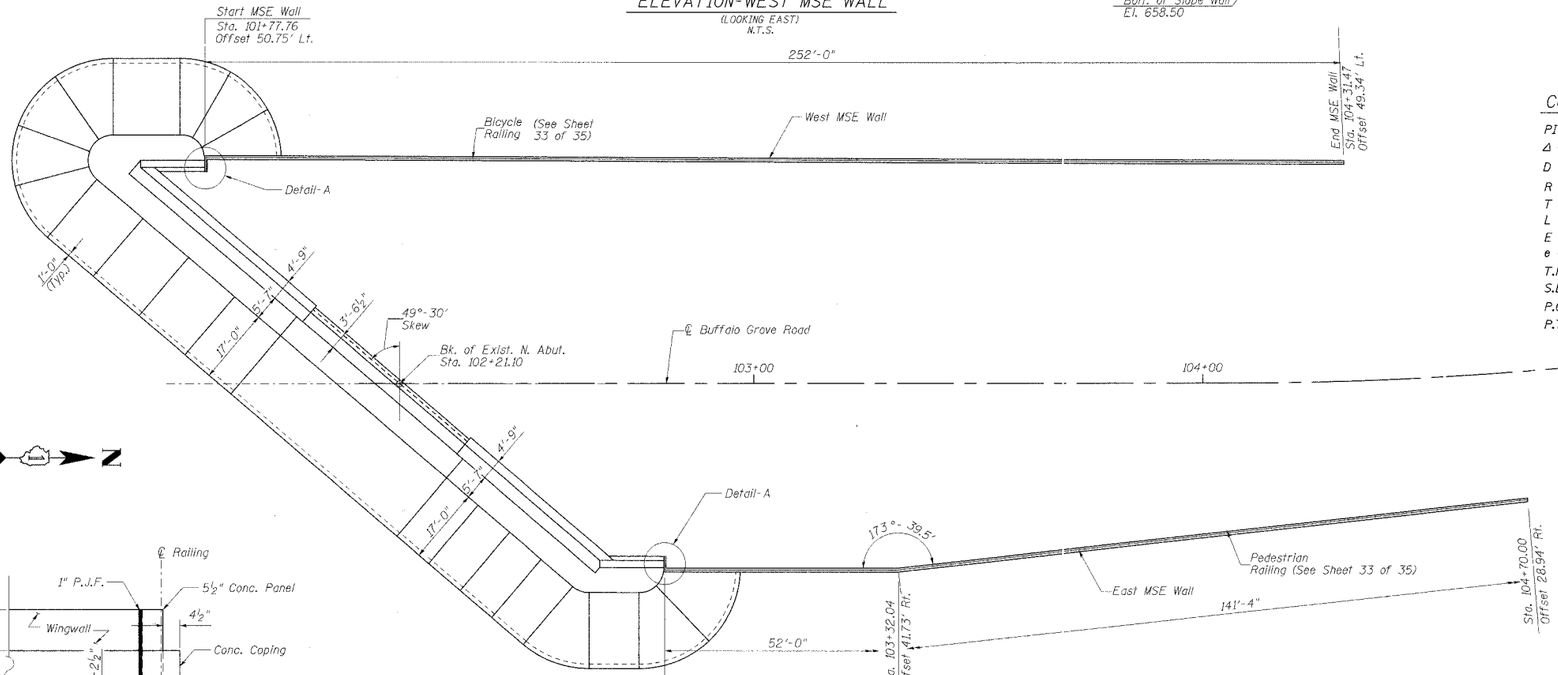
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	55
STA. 98+50		TO STA. 107+57		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 32 of 35 Sheets
PROJECT NO. BHM-8003(213)
CONTRACT NO. 83875



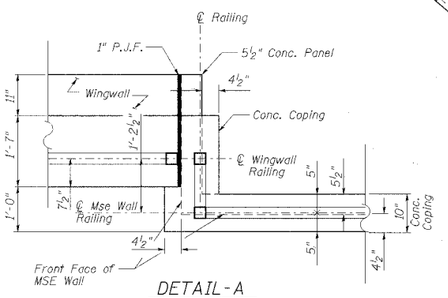
ELEVATION-WEST MSE WALL
(LOOKING EAST)
N.T.S.



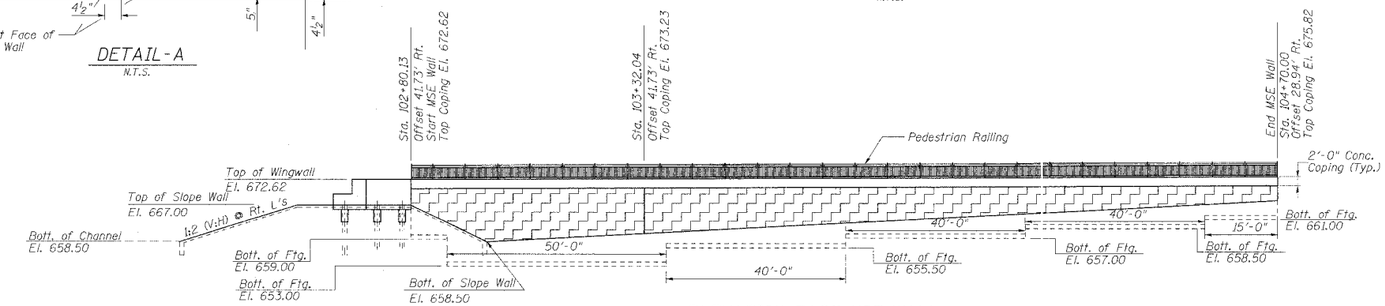
PLAN-MSE WALLS
N.T.S.

CURVE DATA

PI STA. = 104+80.05
Δ = 10° 49' 10" (LT)
D = 7° 09' 43"
R = 800.00'
T = 75.76'
L = 151.07'
E = 3.58'
e = 3.4 %
T.R. = 83'
S.E. RUN = 140'
P.C. STA. = 104+04.30
P.T. STA. = 105+55.36

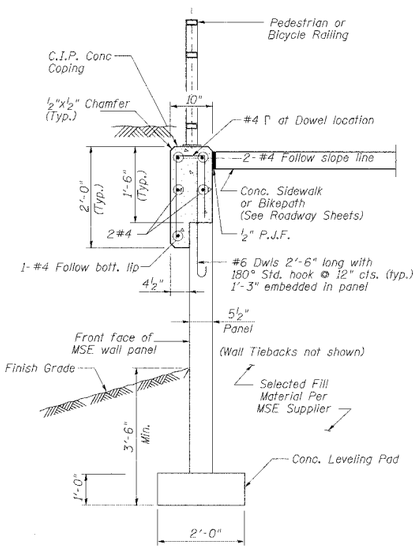


DETAIL-A
N.T.S.



ELEVATION-EAST MSE WALL
(LOOKING WEST)
N.T.S.

NOTE:
The bottom of foundation elevations shown on the plans are for estimate purposes only. The Contractor shall verify the proper wall foundation location as recommended by the MSE Wall Manufacturer.



WALL TYPICAL SECTION

Conc. Leveling Pad and Coping Labor & Material included in the cost of "Mechanically Stabilized Earth Retaining Wall".

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	6315
Bicycle Railing	Foot	254
Pedestrian Railing	Foot	195

MSE WALL FINISH

The MSE wall finish shall be Ashlar Stone as Manufactured by "The Reinforced Earth Company" or equal. Approved by Lake County Division of Transportation.

ALLOWABLE GROSS BEARING PRESSURE

3,130 PSF AT ELEV. 653.00

REVISIONS NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

LAKE COUNTY DIVISION OF TRANSPORTATION

MSE WALL DETAILS

BUFFALO GROVE ROAD
AT INDIAN CREEK BRIDGE
SECTION 00-00254-01-BR STATION 101+50.00
LAKE COUNTY STRUCTURE NO. 049-3043
SCALE: NONE DRAWN BY: TBW
DATE: 7/21/06 CHECKED BY: ATI, WK

PLAN / PROFILE — SURVEYED / DRAWN / CHECKED / QUANTITIES / NOTE BOOK / NO. / DATE / BY / REVISIONS

I:\lakeco\02201\13\drawsheets\struct\6-16-06\mse wall details.dgn