FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

87
100

LAK-640-2.56

114'-0" % Abutment

24'-0" | 14'-0" | 22'-0" | 15'-8¾" | 8'-3½"

N

6" Σ equal spa. 6" A608 drain pipe support bars. Typical spacing

℄ Future Girder

℄ Future Track

Face of Retaining Wall

Expansion Jt.

Expansion Joint

℄ End Floor Bm. Bearings

℄ Girder Bearings

Sta. 151 + 46.62

℄ Track

℄ Bridge

Face of North East Wing Wall

2'-0" | 2 spaces @ 11'-0" % = 22'-0" | 5 spaces @ 12'-0" % = 60'-0" | 2 spaces @ 11'-0" % = 22'-0" | 6'-0"

PLAN

See South Abutment for spacing of A509 & A510 bars

2'-0" | 4 Panels @ 8'-0" % Posts = 32'-0"

C501 @ 2'-0" % (Typical)

¼" gray sponge rubber preformed expansion joint filler

2-C507 | 2-C505 | 2-C506

Elev. 636.00

2-A501, 3 spa. @ 2'-0"

2-A515, 3 spa. @ 2'-0"

A533 & A534 | Elev. 641.50

A531 & A532 | Elev. 637.50

8 spa. @ 1'-5"

Elev. 634.73

Elev. 629.34

A513

A511

A601

Construction Jt.

2-A606 | A606

2-A508 | A508

A508, 11 spa. @ 2'-0"

A501, 6 spa. @ 2'-0"

A502, 6 spa. @ 2'-0"

A508, 17 spa. @ 2'-0"

A508, 11 spa. @ 2'-0"

A508, 13 spa. @ 2'-0"

A504, 6 spa. @ 2'-0"

5 spa. @ 1'-0"

Rustication Groove Spacing = 4'-0" %

10-A801 | 5-A801 | 5-A802 | 10-A802 | 10-A803 | 5-A803

Elev. 614.00

Elev. 600.00

A1001 @ 6" (typical)

A1101 @ 6" (typical)

ELEVATION

For additional details and reinforcing steel see SOUTH ABUTMENT DETAILS, sheet 86, and ABUTMENT DETAILS, sheet 88.

REFERENCE shall be made to Standard Drawing AR-1-57, Type A posts, for additional railing details.

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

NORTH ABUTMENT DETAILS

BRIDGE NO. LAK-640-0286
N.Y.C. & ST. L. R.R. over S.R. 640

LAKE COUNTY

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
DM	DM	JGW	WCK	BFG	8-3-59	10-1-59