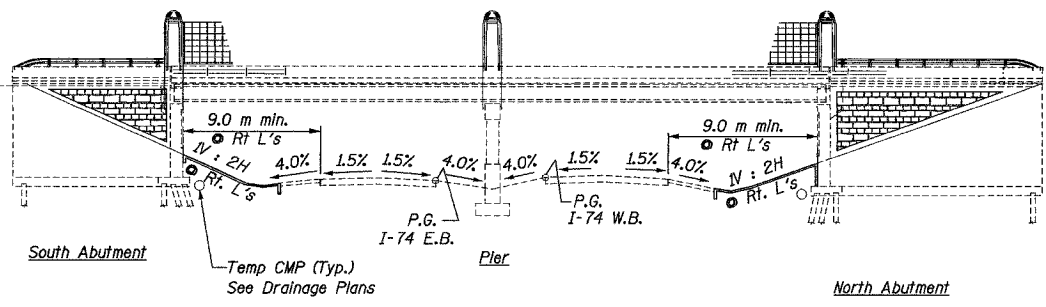


ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	72-71R-3	PEORIA	256	1038
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CH1201 Chiseled "X" on Sidewalk located on S.W. Section of S.N. 072-0061 Sterling Ave. Bridge over I-74. Elev. 203.695
 B. M. #1 Chiseled "L" on top of N. corner of first step of parapet wall on N.W. corner of S.N. 072-0061 Sterling Ave. over I-74. Elev. 203.564 m
 B. M. #2 Chiseled " + " on S.W. base bolt for electric tower 321.9 m North of I-74. & East of Sterling Ave. on N.W. corner of substation property, Northwoods. Elev. 203.402 m

Existing structure :

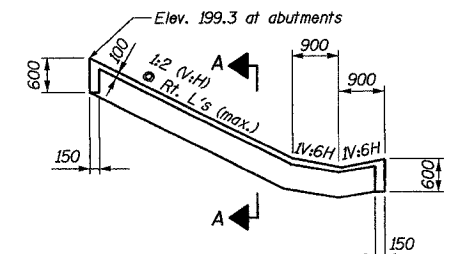
S. N. 072-0191 is a two span bridge built as F. A. I. Rte 74, Sec. (72-7,8)R in 2003. Slope walls shall be added between the abutment and the roadway as shown above. See roadway plans for edge of pavement elevations.



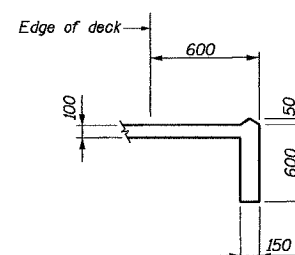
ELEVATION

TOTAL BILL OF MATERIAL

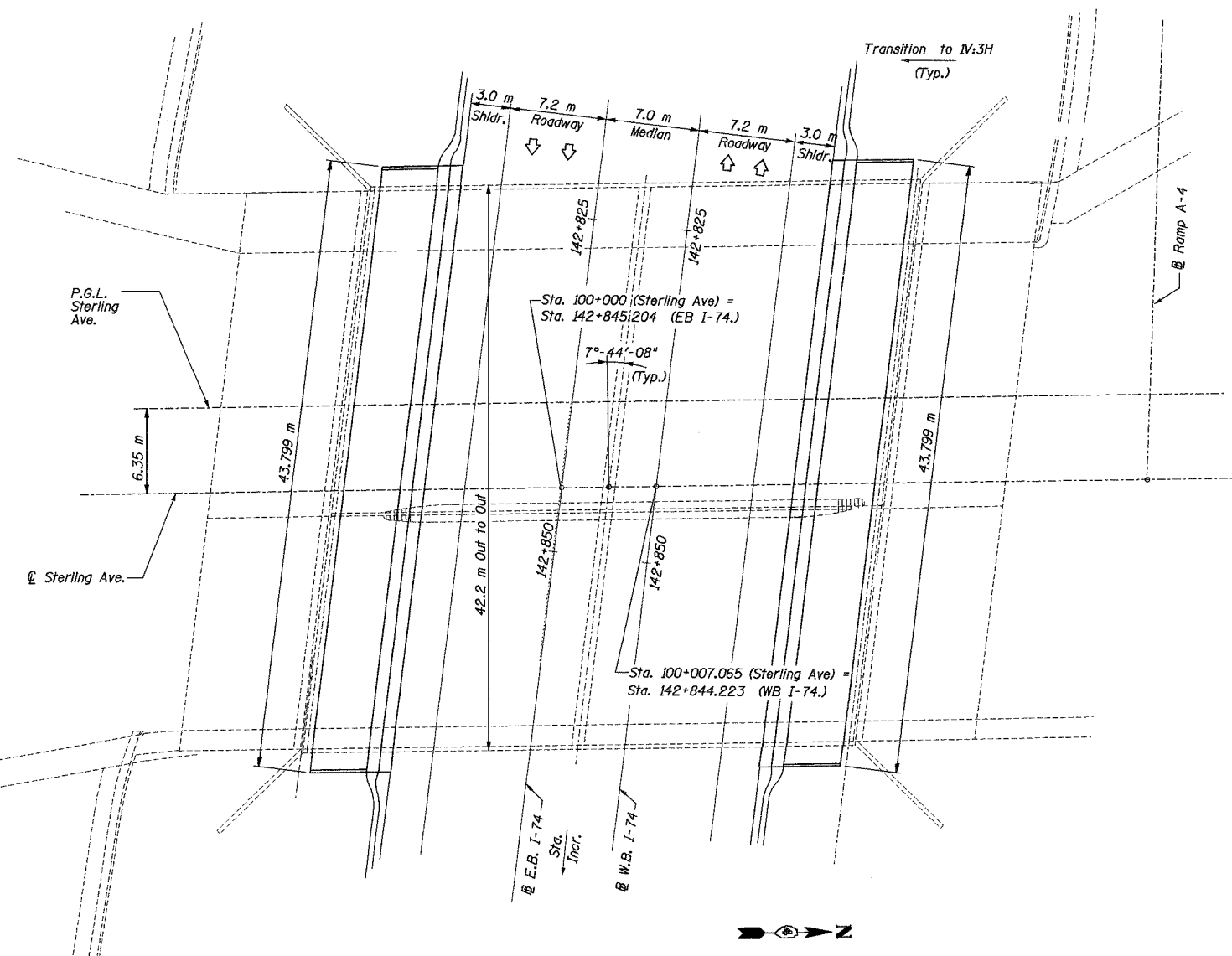
ITEM	UNIT	TOTAL
Slope Wall 100 mm	m ²	574



SECTION THRU SLOPEWALL



SECTION A-A



PLAN

DESIGN SPECIFICATIONS
 1996 AASHTO with Interims through 2000

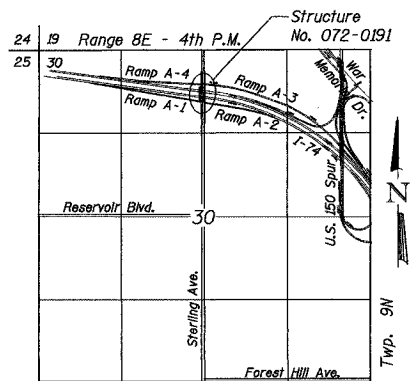
DESIGN STRESSES

FIELD UNITS
 $f'c = 24 \text{ MPa}$
 $f_y = 400 \text{ MPa (Reinf.)}$



GENERAL NOTES

- Slope wall shall be reinforced with welded wire fabric, 152 x 152 - MW25.8 x MW25.8 with a mass of 2.91 kg/m².
- All dimensions are in millimeters (mm) except as noted.



LOCATION SKETCH

REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
SLOPE WALLS		
STERLING AVE. OVER F.A.I. ROUTE 74 (I-74) F.A.I. ROUTE 74 SEC. (72-7)R-3 PEORIA COUNTY STA. 100+003.533 STRUCTURE NUMBER 072-0191		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO. 1	SCALE N.T.S.	DATE 06-25-04
		SHEET NO. 1

Time: 01:51:50 PM

Date: 11/22/2004

Filename: P:\643996\Structural\Sterling_SlopeWall\SW0001-1A0720191.dgn

Designed by: AK
 Checked by: WEE
 Drafted by: JV
 Checked by: WEE