

PLAN

0' 20' 40'

SCALE IN FEET

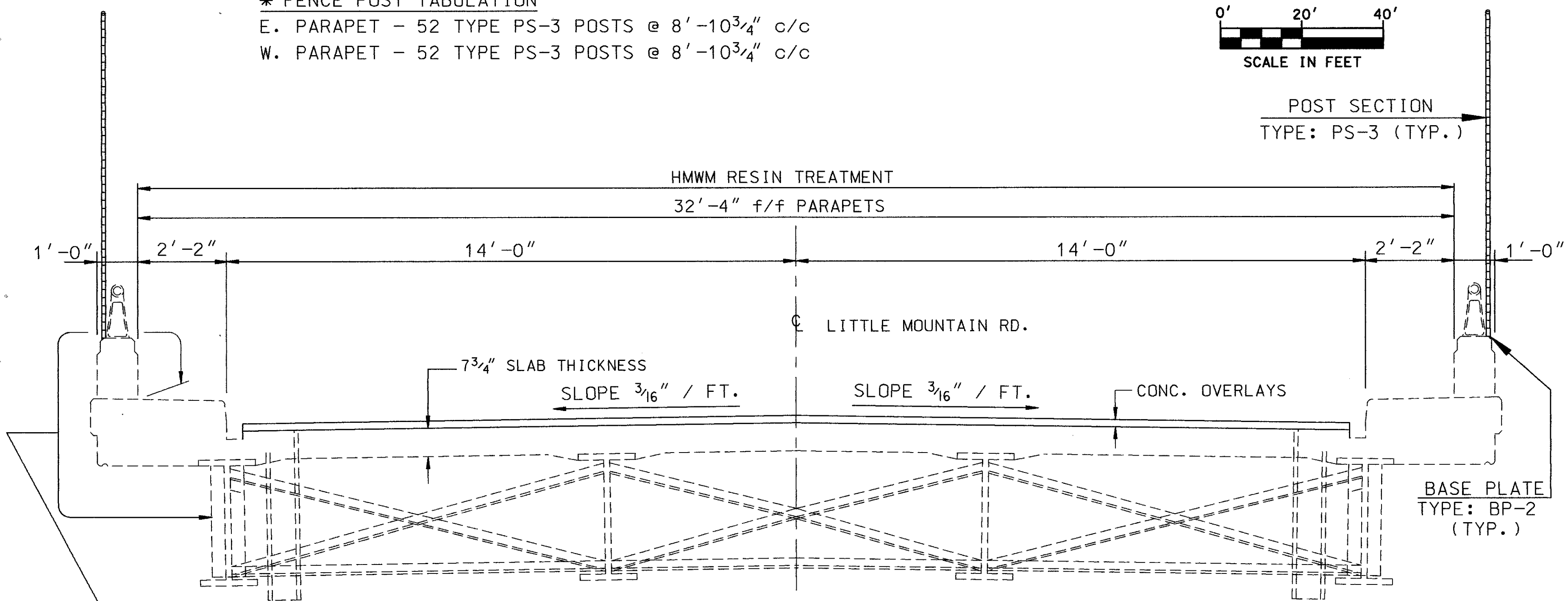
SEE SHEET 123 OF 182 FOR GUARDRAIL AND TERMINAL ASSEMBLY

\* FENCE POST TABULATION  
E. PARAPET - 52 TYPE PS-3 POSTS @ 8'-10<sup>3</sup>/<sub>4</sub>" c/c  
W. PARAPET - 52 TYPE PS-3 POSTS @ 8'-10<sup>3</sup>/<sub>4</sub>" c/c

SURVEY DATE: 10-02-91

SUMMARY OF REPAIR QUANTITIES

LOCATION	ITEM 519 PATCHING CONC. STRUCTURE, AS PER PLAN	ITEM - SPECIAL EPOXY INJECTION	ITEM - SPECIAL PATCHING CONC. STRUCTURE W/ TROWELABLE MORTAR
	PATCHING REPAIR (S. F.)	CRACK REPAIR (L. F.)	PATCH REPAIR (S. F.)
	MEASURED	MEASURED	MEASURED
PARAPETS		6	3
SAFETY CURBS	16		
BACKWALLS & ABUTMENTS			23
PIERS & CAPS			3
UNDERSIDE OF DECK			
200% EXPANSION FACTOR	32	12	58
TOTAL	48	18	87



TRANSVERSE SECTION

0' 2' 4'

SCALE IN FEET

EXISTING STRUCTURE

TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK & SUBSTRUCTURE.

SPANS: 63'-0", 86'-6", 86'-6", 86'-6", 86'-6", 63'-0" c/c BEARINGS.

ROADWAY: 28'-0" f/f OF 2'-2" SAFETY CURBS

LOAD FREQUENCY: CF= 130

SKEW: 34°59'05"

WEARING SURFACE: CONCRETE OVERLAY

APPROACH SLABS: 25' LONG

ALIGNMENT: TANGENT

PROPOSED WORK:

1. SLOPE REPAIR AND PROTECTION.
2. PATCHING AND SEALING OF CONCRETE SURFACES.
3. PEDESTRIAN FENCE INSTALLATION.
4. WEARING SURFACE HMWM TREATMENT.
5. EPOXY INJECTION REPAIR OF DECK.
6. GUARDRAIL INSTALLATION.

RALPH C. TYLER, P.E., P.S., INC.  
CIVIL ENGINEERS & LAND SURVEYORS  
2143 FAIRHILL RD., CLEVELAND, OHIO 44106

GENERAL PLAN &  
TRANSVERSE SECTION  
LITTLE MOUNTAIN ROAD  
LAK-90-1031

DESIGNED R.J.K.	DRAWN R.L.	CHECKED K.P.	REVIEWED R.C.T.	REVISED DATE	SHEET
--------------------	---------------	-----------------	--------------------	-----------------	-------

T:\DGN\LAK-90\STRUCTURE\5774SPE.DGN