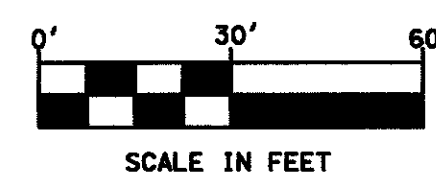


PLAN



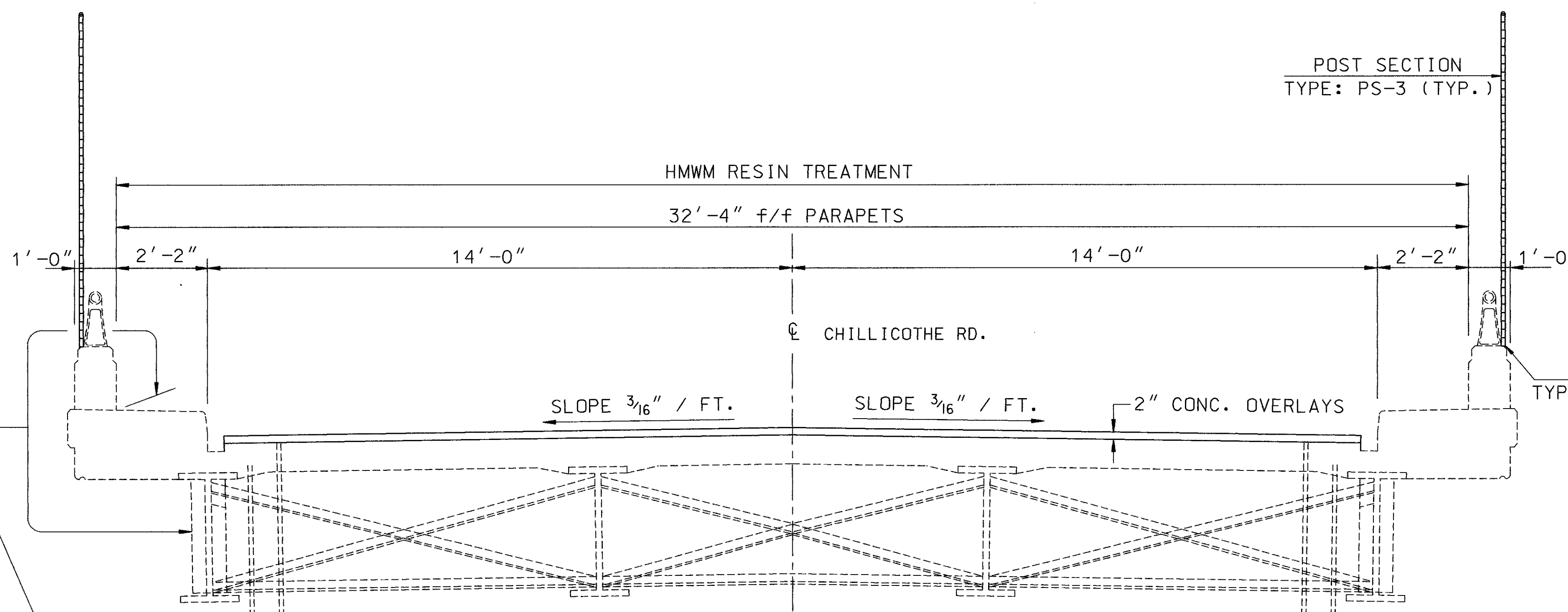
SURVEY DATE: 10-02-91

* FENCE POST TABULATION:
E. PARAPET - 87 TYPE PS-3 POSTS @ 7'-1" c/c
W. PARAPET - 87 TYPE PS-3 POSTS @ 7'-1" c/c

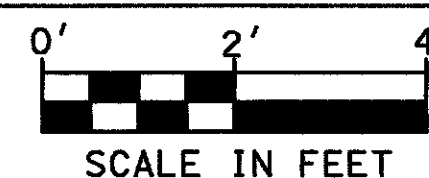
SEE SHEET 121 OF 182 FOR GUARDRAIL AND TERMINAL ASSEMBLY DETAIL

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			
SAFETY CURBS	31		
BACKWALLS & ABUTMENTS			3
PIERS & CAPS			2
UNDERSIDE OF DECK		10	36
200% EXPANSION FACTOR	62	20	82
TOTAL	93	30	123



TRANSVERSE SECTION



SEALING OF CONCRETE SURFACES (EPOXY) (TYP.)

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.

EXISTING STRUCTURE

TYPE: WELDED, CONTINUOUS STEEL GIRDER WITH REINFORCED CONCRETE DECK & SUBSTRUCTURE.
SPANS: 79'-6", 113'-6", 113'-6", 113'-6", 113'-6", 79'-6" c/c BEARINGS.
ROADWAY: 28'-0" f/f OF 2'-2" SAFETY CURBS.
LOAD FREQUENCY: CF =130
SKEW: 50° 41' 23" RT.
WEARING SURFACE: CONCRETE OVERLAY
APPROACH SLABS: 25' LONG (SPECIAL)
ALIGNMENT: TANGENT

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

GENERAL PLAN &
TRANSVERSE SECTION
CHILLICOTHE ROAD
LAK-90-1007

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