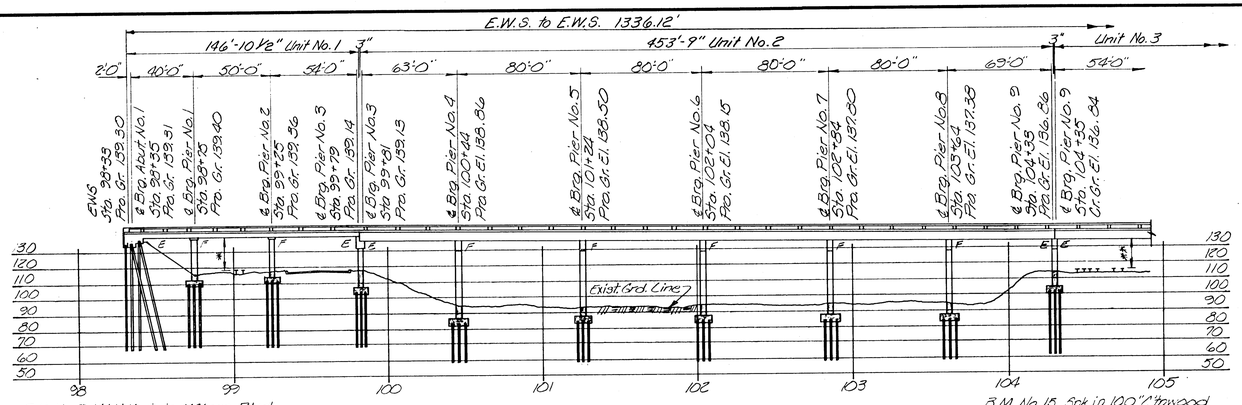
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87-5942(2)	1990	2	32



B.M. No. R-14 '+' Mark in McLean Blvd. Sta. 99+71.39 Elev. 112.07

*Min. Vert. Cl. = 23.3'

Elevation

40'-50'-40'-63'-48.80'-69' Cont. P.C. Box Girder Spans
Pedestal Type Piers on Piles
2-28'-0" Roadway & 4'-0" Median
Skew 10°-00' Rt.

B.M. No. 15 Spk in 100" C'tnwood 7' Lt. Sta. 104+28 Elev. 110.07

** Min. Vert. Cl. = 23.6'

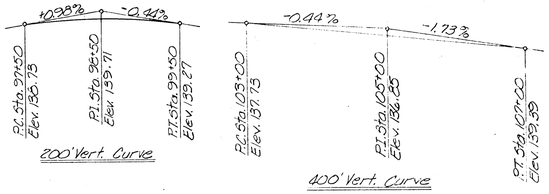
Curve Data

Δ = 23°-47'-10"	P.I. = 95+83.46
D = 1°-00'	T.S. = 91+80.44
T = 403.02'	S.C. = 93+30.44
L = 794.65'	C.S. = 98+25.09
R = 1432.395'	S.T. = 99+75.09
Ls = 150'	Superelev = 0.062 Ft./Ft.

Curve Data

Δ = 5°-26'-23" Rt.
D = 1°-00'
T = 278.13'
L = 545.97'
R = 5,729.65'
P.I. = 101+74.71
Superelev = 0.018 Ft./Ft.

Note: Clearance from face of Piers to face of curb on McLean Blvd. is 4.3' (min.)



GENERAL NOTES

(1) Traffic to be carried thru construction. Local streets under to remain open.

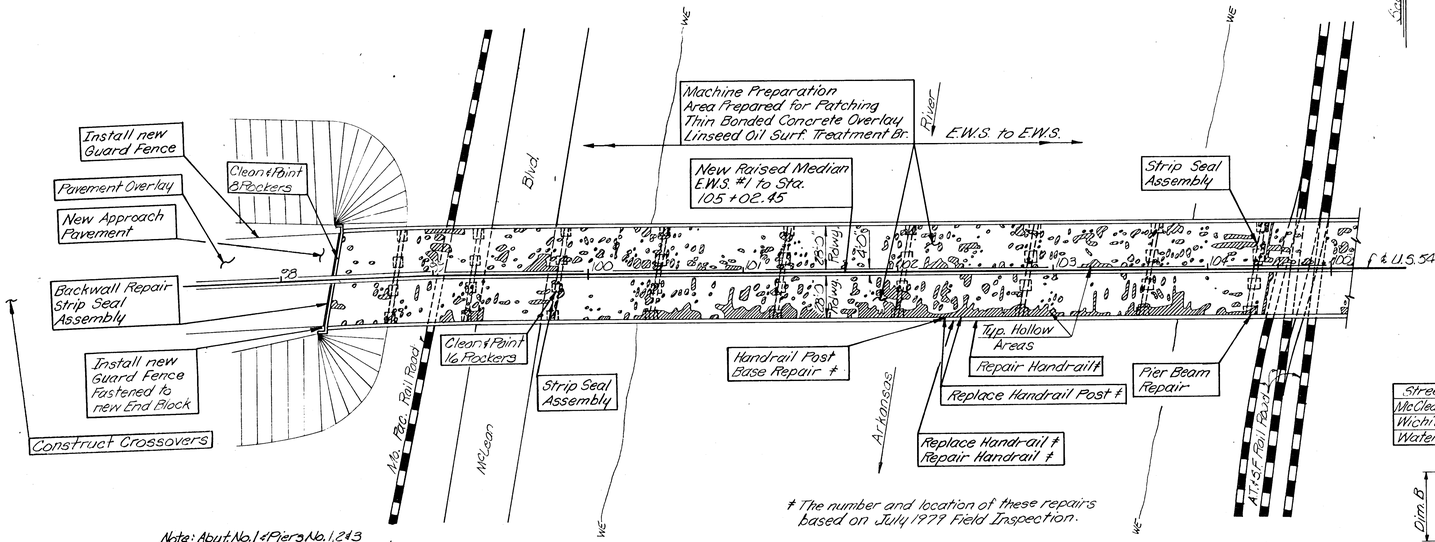
(2) Dimensions relating to existing structure are taken from original plans and should be checked in the field prior to start of repair.

(3) The Deck Survey showing the extent of deterioration, corrosion potentials & salt content was made on Nov. 1998. Copies of the Deck Survey Report are available at the Bridge Section, Design Dept. K.D.O.T.

(4) The Contractor shall execute his work in such a manner and take such precautions as necessary to prohibit the falling of broken concrete and other debris so as not to damage the Railroad property, and in so far as possible the work shall be done so as not to interfere with the normal use of the tracks. The method of protection proposed by the Contractor shall be approved by the Railroad, and the Engineer.

(5) Broken concrete and rubble shall be disposed on sites provided by the Contractor and approved by the Engineer.

(6) Existing guard fence and posts, which are to be removed, shall remain the property of the State and shall be stockpilled on the site as directed by the Engineer.

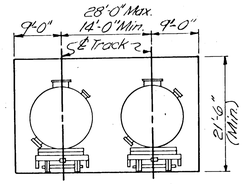


Note: Abut. No. 1 & Piers No. 1, 2 & 3 are skewed 10° P.R.t. to the tangent.

* The number and location of these repairs based on July 1999 Field Inspection.

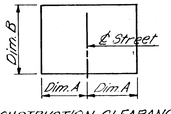
Plan

(Showing estimated areas of required patching)



RAILROAD CONSTRUCTION CLEARANCE DIAGRAM

Street	Dim. B	Dim. A
McClean Blvd.	21'-0"	16'-4"
Wichita	13'-6"	16'-4"
Water	13'-6"	13'-0"



LOCAL STREET CONSTRUCTION CLEARANCE DIAGRAM

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

Br. No. 54-87-25.80 (142) Bridge Repair

CONSTRUCTION LAYOUT

Proj. No. 54-87-5942(2) Sedgwick Co.

SHEET NO. 2 OF 32	SCALE	APP'D	
DESIGNED RAM	DETAILED RGF	QUANTITIES JGB	TRACED
DESIGN CK. SGB	DETAIL CK. JGB	QUAN. CK. RAM	TRACE CK.