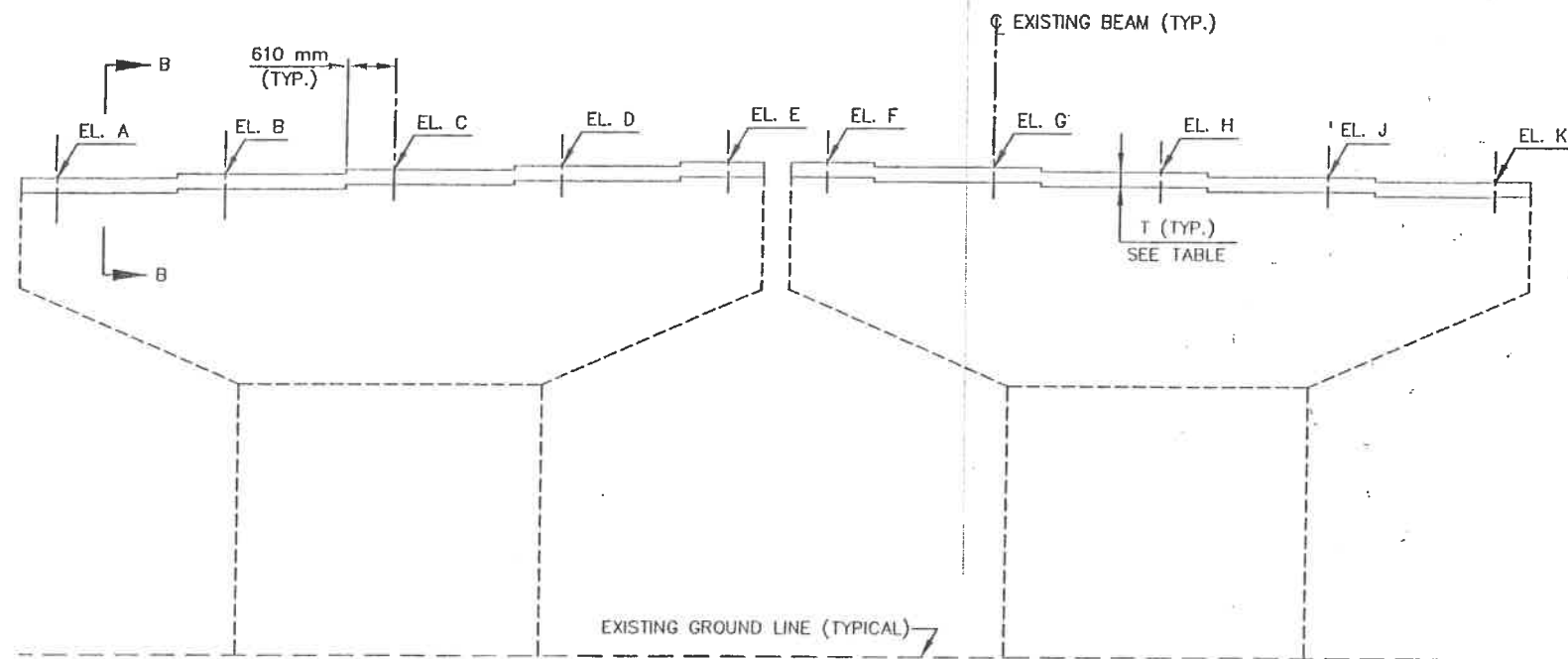
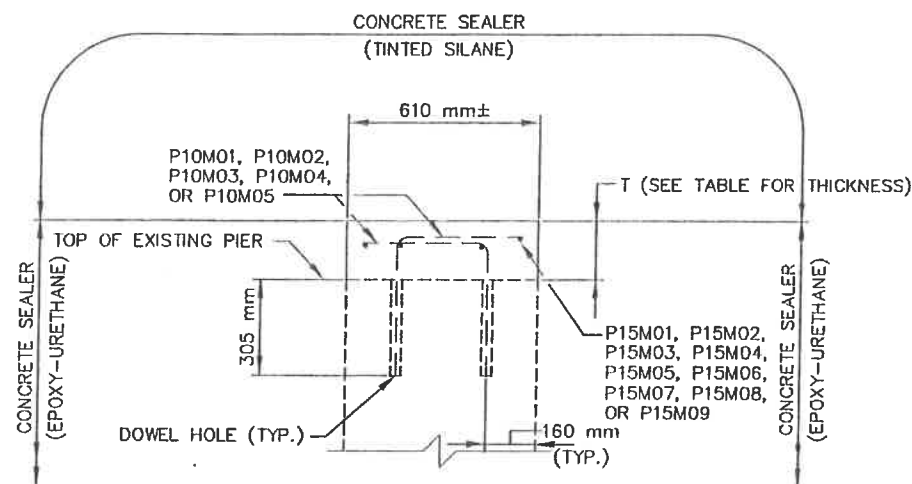




ELEVATION
(PIERS 1 THRU 4, 6 THRU 9)

- SUGGESTED JACKING PROCEDURE**
1. TRAFFIC WILL BE MAINTAINED ON THE RIGHT HALF OF THE BRIDGE DURING STAGE 1 CONSTRUCTION.
 2. THE EXISTING CONCRETE DECK, SIDEWALKS AND PARAPETS SHALL BE REMOVED FROM THE LEFT HALF OF THE BRIDGE.
 3. THE LEFT HALF OF THE BRIDGE SHALL BE JACKED. ALL JACKING OPERATIONS SHALL BE PERFORMED FROM THE PIER CAPS AND ABUTMENT BRIDGE SEATS.
 4. AT A MINIMUM, ALL BEAMS AT ANY ABUTMENT OR PIER SHALL BE LIFTED SIMULTANEOUSLY A MAXIMUM OF 6MM.
 5. TEMPORARY SUPPORTS SHALL BE PLACED TO SUPPORT THE LOADS.
 6. EXISTING BEARINGS SHALL BE REMOVED.
 7. CONSTRUCT NEW REINFORCED CONCRETE PIER CAPS (PIERS 1 THRU 4 AND 6 THRU 9). PROVIDE BLOCK-OUTS, AS REQUIRED, AT TEMPORARY SUPPORTS.
 8. INSTALL NEW BEARINGS
 9. LOWER STRUCTURE, REMOVE TEMPORARY SUPPORTS AND PATCH BLOCK-OUTS.
 10. REPEAT PROCEDURE FOR LEFT HALF OF STRUCTURE.

FOR ADDITIONAL JACKING REQUIREMENTS SEE GENERAL NOTES ON SHEET 1/43 AND 2/43.



SECTION B - B

± (THICKNESS OF PROPOSED CONCRETE OVER EXISTING PIERS)(mm)

BEAM	BEARING PIER 1	BEARING PIER 2	BEARING PIER 3	BEARING PIER 4	BEARING PIER 6	BEARING PIER 7	BEARING PIER 8	BEARING PIER 9
A	228	268	278	261	269	255	274	253
B	169	220	234	235	255	218	243	222
C	159	216	235	227	254	218	232	227
D	165	216	245	234	253	214	228	215
E	170	213	232	231	247	210	227	214
F	217	257	239	193	216	169	189	167
G	224	249	236	192	225	181	192	168
H	228	255	233	198	223	179	188	175
J	210	255	251	204	210	183	184	181
K	257	255	287	248	220	190	190	182

TOP OF MASONRY ELEVATIONS(m)

ELEV.	BEARING PIER 1	BEARING PIER 2	BEARING PIER 3	BEARING PIER 4	BEARING PIER 6	BEARING PIER 7	BEARING PIER 8	BEARING PIER 9
A	245.085	245.481	245.938	246.140	245.811	245.345	244.657	243.745
B	245.178	245.584	246.014	246.173	245.821	245.349	244.672	243.782
C	245.268	245.684	246.080	246.206	245.821	245.349	244.683	243.815
D	245.357	245.780	246.142	246.234	245.820	245.349	244.694	243.848
E	245.445	245.872	246.200	246.259	245.818	245.348	244.705	243.881
F	245.475	245.902	246.219	246.282	245.813	245.334	244.700	243.885
G	245.494	245.922	246.205	246.235	245.742	245.266	244.645	243.852
H	245.512	245.939	246.188	246.184	245.670	245.197	244.589	243.819
J	245.527	245.951	246.166	246.129	245.597	245.128	244.534	243.786
K	245.537	245.952	246.132	246.060	245.522	245.059	244.478	243.753

NOTE:
FOR ADDITIONAL NOTES SEE SHEET 11/43.

Cuyahoga County Engineer
Cleveland, Ohio
Report No. 7223 and B-No. 162

PIER MODIFICATION DETAILS
BRIDGE No. 152
WEST 150th STREET OVER CONRAIL, GCRTA AND CHATFIELD AVE.

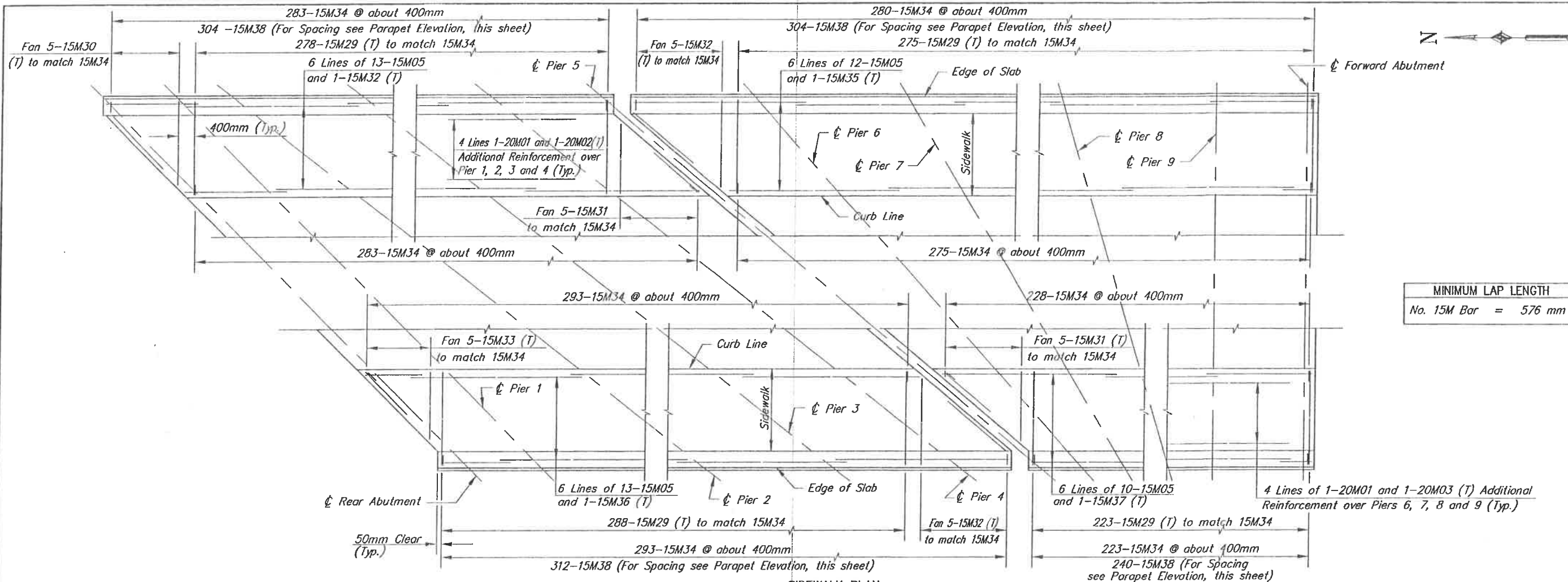
CUY-WEST 150th STREET

DESIGN AGENCY
JOHN E. POSTER AND ASSOCIATES, INC.
2890 FAIRVIEW AVENUE
CLEVELAND, OHIO 44114

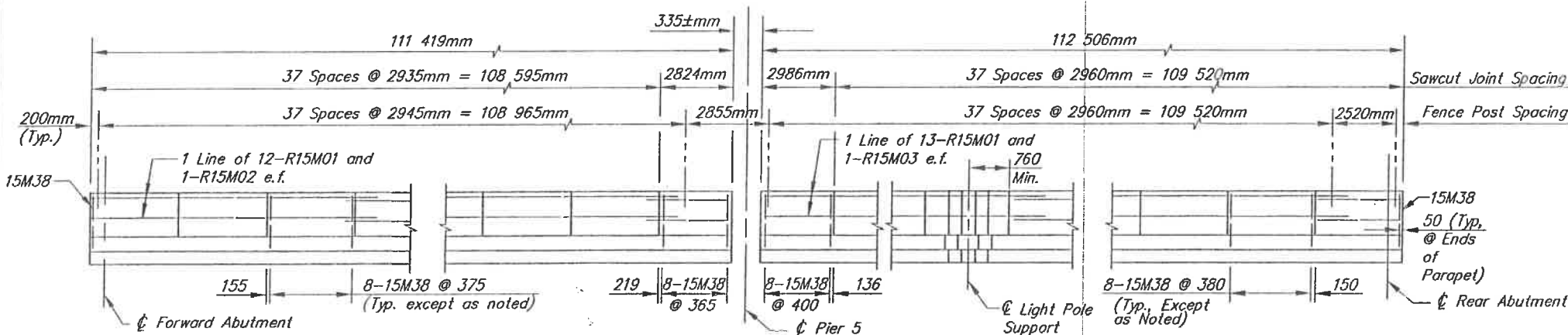
DATE
9-96
REVIEWED
R.A.B.
STRUCTURE FILE NUMBER
1833405
DRAWN
D.M.T.
DESIGNED
B.M.G.
CHECKED
H.S.S.

29 / 43

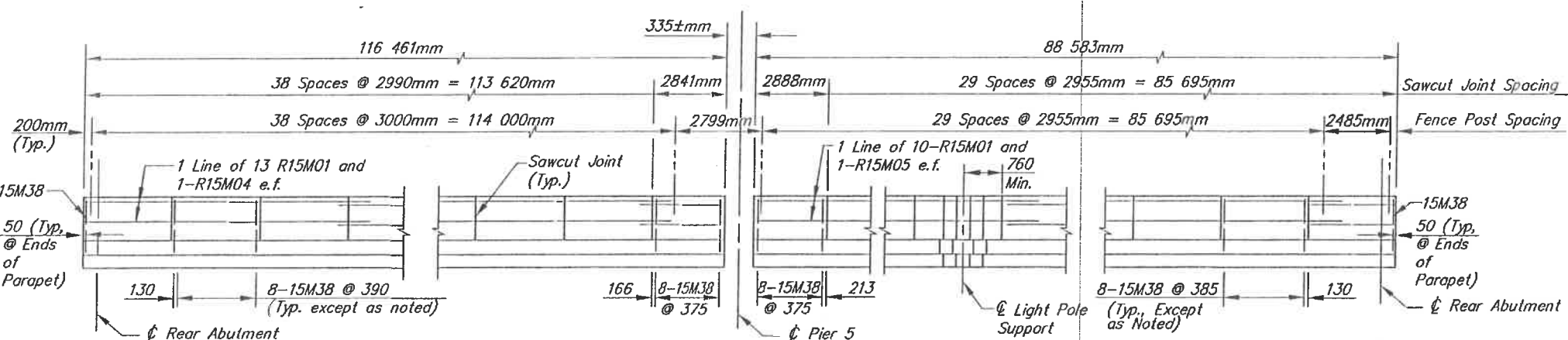
59
73



MINIMUM LAP LENGTH	
No. 15M Bar	= 576 mm



LEFT PARAPET ELEVATION



RIGHT PARAPET ELEVATION

RAILING REINFORCEMENT SCHEDULE			
MARK	NO.	LENGTH	TYPE
R15M01	192	9150	Str.
R15M02	4	8435	Str.
R15M03	4	945	Str.
R15M04	4	4900	Str.
R15M05	4	2745	Str.

Notes:

For Concrete Parapet Note see sheet [2/43].

For details of Vandal Protection Fence and parapet cover plate see sheet [42/43].

For location of light pole supports see sheets [4/43], [5/43] and [6/43]. Locations may be shifted a minimal amount to maintain clearance to sawcut joints.

For Light Support Detail see sheet [40/43].

For placement of Additional Reinforcing over Piers and Longitudinal Reinforcing, see sheet [32/43].

All sidewalk Reinforcing Bar marks shall be Prefixed by S.

The following abbreviations are used:
Typ. = Typical e.f. = each face
T = Top B = Bottom

Cuyahoga County Engineer
Cleveland, Ohio
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