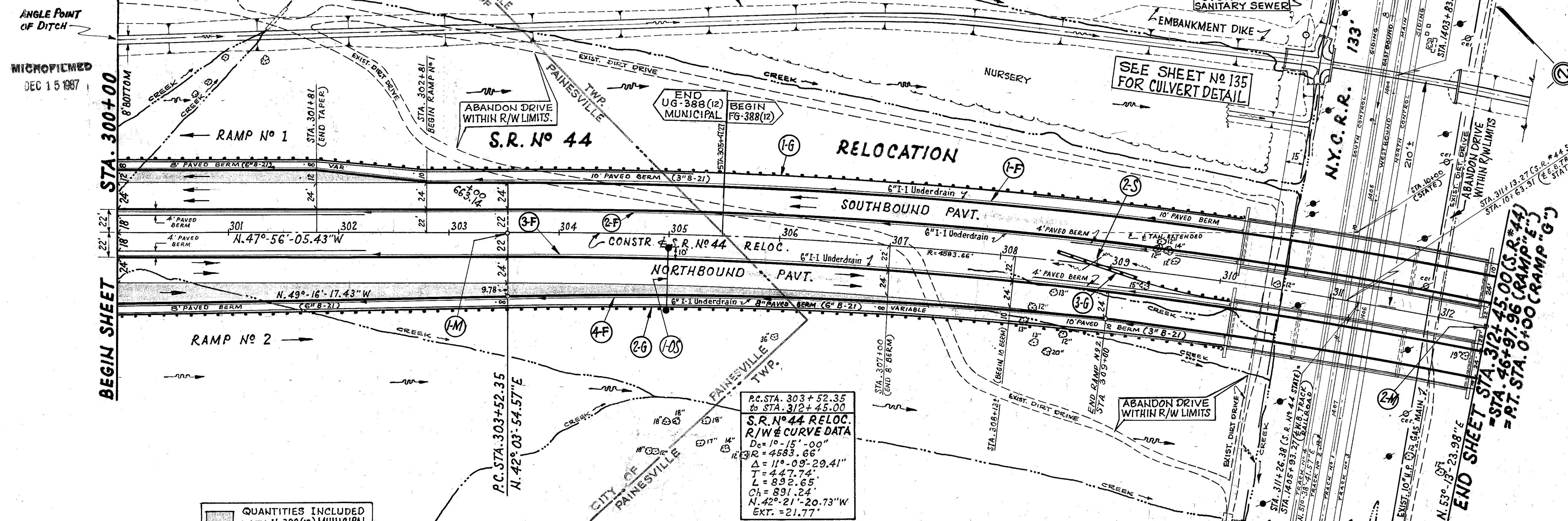


B.M. #8... R.R. SPIKE IN S.W. ROOT TWIN OAK  
STA. 301+35 (156' L. OF  $\frac{1}{4}$ ) ADJ. ELEV. = 642.10

B.M. #9... R.R. SPIKE IN POLE (NO NUMBER)  
STA. 311+82 (181' L. OF  $\frac{1}{4}$ ) ADJ. ELEV. = 638.782

LAKE COUNTY  
SEC. LAK-44-3.79

23  
204

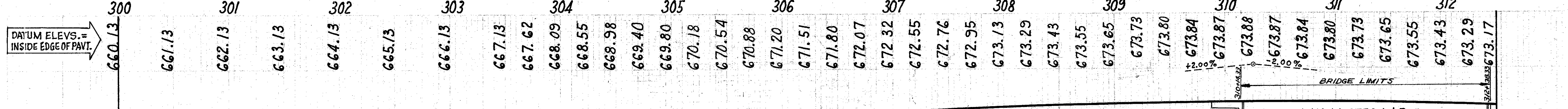


**PROPOSED STRUCTURE**  
TYPE: Continuous steel beams with reinforced concrete deck and substructure.  
SPANS: 64'-91.5'-64' % brgs.  
ROADWAY: 42'-0" % concrete parapets.  
LOAD FREQUENCY: CF-2000 (5T)  
SKEW: None  
WEARING SURFACE: 1" monolithic concrete.  
APPROACH SLABS: AS-1-54-(25' Long)  
ALIGNMENT: 1'-15" Curve right  
SUPERELEVATION: 0.035 ft/ft

**NOTE:** FOR PLAN & PROFILE OF RAMP "E" SEE SHEETS NO 101 & 102  
FOR PLAN & PROFILE OF RAMP "G" SEE SHEET NO 82 & 83.  
FOR STRUCTURE PLANS (LAK. 44-0556 L&R) SEE SHEETS 185 to 192

P.C. STA. 303+52.35  
to STA. 312+45.00  
**S.R. No 44 RELOC. R/W CURVE DATA**  
Dc = 10'-15"-00"  
R = 4583.66'  
 $\Delta = 11^{\circ}-09'-29.41''$   
T = 447.74'  
L = 892.65'  
Ch = 891.24'  
N. 42°-21'-20.73" W  
EXT. = 21.77'

QUANTITIES INCLUDED WITH U-388(12) MUNICIPAL



**I-129 OVERHEAD SIGN**

REF. No.	STATION	DESIGN No.	SPAN	I-129 CU.YDS. CONCRETE FOR SIGN SUPPORT FOUNDATIONS	OVERHEAD SIGN SHALL HAVE GALVANIZED STEEL END FRAMES AS PER DWG. I-129 No. 8E1 AND ALUMINUM TRUSS AS PER DWG. I-129 No. 8.3 (SEE SHEETS 148 & 149) †
UG-388 (12) MUNICIPAL	1-09 305+00 (N.C.)	1	55'	8	

† Unit price bid for sign support shall include furnishing and placing six 1350' V.C.  
(6) aluminum sign supports (attachment assemblies), weights and dimensions as noted on Sheet 148, including accessories. Each attachment assembly shall include two U-bolts with two hex head nuts, two plain and two lock washers per U-bolt.

**GUARD RAIL**

Ref. No.	Station	I-15 (No 2-A) LIN. FT.		
		STANDARD	UG	FG
1-G	300+00 to 310+13±	491.0	530.0	
2-G	300+00 to 310+11±	619.5	385.5	
3-G	308+50± to 310+12±		87.5	75.0
<b>TOTAL (UG-388(12) MUNICIPAL)</b>		<b>1110.5</b>		
<b>TOTAL FG-388(12)</b>			<b>1003.0</b>	<b>75.0</b>

**UNDERDRAINS**

Ref. No.	Station	ITEM I-1 LIN. FT. 6" Class I-3 Shallow	
		UG	FG
1-F	300+00 to 310+10±	502	520
2-F	300+00 to 310+10±	532	485
3-F	300+00 to 310+10±	575	440
4-F	300+00 to 310+10±	610	396
<b>TOTAL (UG-388(12) MUNICIPAL)</b>		<b>2219</b>	
<b>TOTAL FG-388(12)</b>			<b>1841</b>

**DRAINAGE**

Ref. No.	Station	ITEM E-3 CU. YDS. I-1 LIN. FT. CHANNEL EXCAVATION 8" PIPE CLASS F-1		
		UG	FG	FG
1-S	300+00 to 312+45	1067	1942	
2-S	308+75± to 308+92±			20
<b>TOTAL (UG-388(12) MUNICIPAL)</b>		<b>1067</b>		
<b>TOTAL FG-388(12)</b>			<b>1942</b>	<b>20</b>

**I-8 MONUMENTS**

Ref. No.	Station	REFERENCE MONUMENTS	
		UG	FG
1-M	303+52.35	1	
2-M	312+45		1
<b>TOTAL (UG-388(12) MUNICIPAL)</b>		<b>1</b>	
<b>TOTAL FG-388(12)</b>			<b>1</b>

EXCAVATION 1114 CU. YDS.  
EMBANKMENT 88,397 CU. YDS.  
EMB. + 18% 104,308 CU. YDS.  
SEED. & PROT. 17,234 SQ. YDS.

EXCAVATION 1120 CU. YDS.  
EMBANKMENT 105,149 CU. YDS.  
EMB. + 18% 124,076 CU. YDS.  
SEED. & PROT. 16,433 SQ. YDS.

EXCAVATION 199 CU. YDS.  
EMBANKMENT 20,286 CU. YDS.  
EMB. + 18% 23,937 CU. YDS.  
SEED. & PROT. 5,405 SQ. YDS.

PLAN & PROFILE ... S.R. No 44 RELOC. ... STA. 300+00 to STA. 312+45