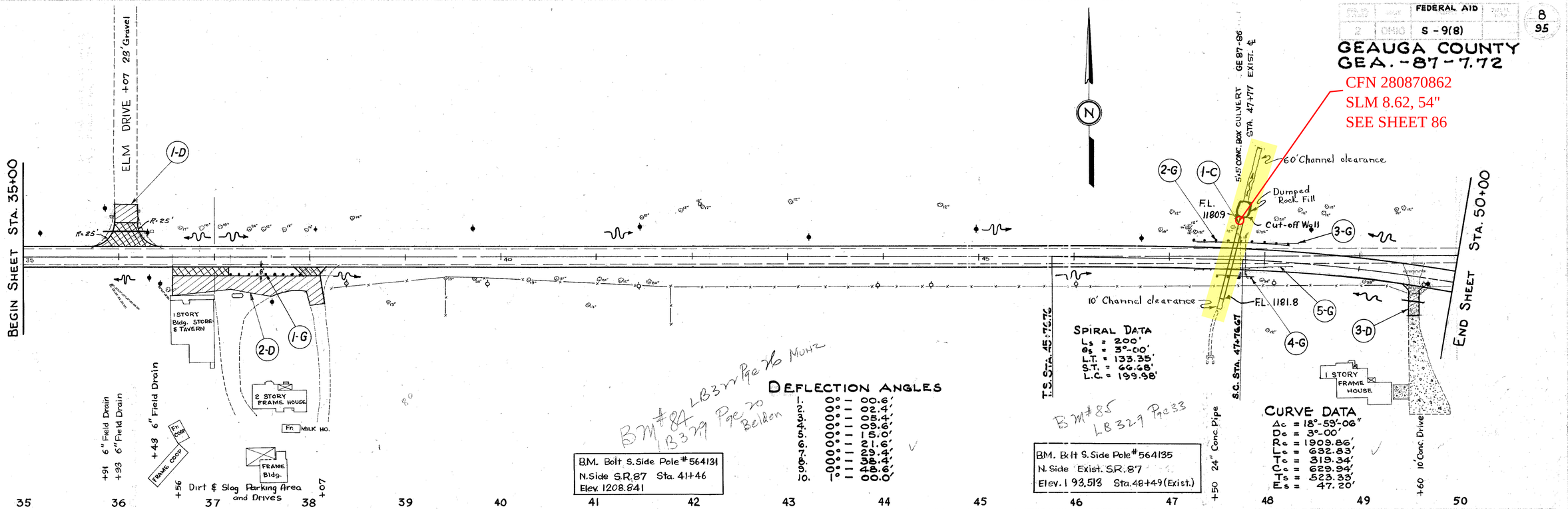
FEDERAL AID

S - 9(8)

8
95

GEAUGA COUNTY
GEA.-87-7.72

CFN 280870862
SLM 8.62, 54"
SEE SHEET 86



DEFLECTION ANGLES

1.	00° 00' 00.6"	
2.	00° 00' 02.4"	
3.	00° 00' 05.4"	
4.	00° 00' 09.6"	
5.	00° 01' 15.0"	
6.	00° 02' 21.6"	
7.	00° 03' 29.4"	
8.	00° 04' 38.4"	
9.	00° 05' 48.6"	
10.	00° 07' 00.0"	

BM #84 LB329 Page 76 MUNZ
LB329 Page 20 Belden
BM #85 LB329 Page 33

RESURFACE ONLY

1215.95	1216.86	1217.68	1218.20	1218.44	1218.39	1218.06	1217.43	1216.52	1215.31	1213.82	1212.04	1209.98	1207.62	1205.30	1203.32	1201.70	1200.42	1195.46	1194.93	1194.54	1194.24	1194.03	1193.92	1193.92	1194.02	1194.22	1194.52	1194.92	1195.42	1196.02	1196.72	1197.53	1198.44	1199.44	1200.55
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50																				

Item I-15 Guard Rail, Etc.

Ref. No.	Station from	Station to	Side	Item I-15.14 or I-15.12 (Lin. ft.)	Removed & Disposed of (Lin.ft.)	No. of Posts *
1-G	37+15	37+95	Rt.			17
2-G	47+25	48+25	Lt.	100		
3-G	47+32	48+35	Lt.		104	
4-G	47+50	47+87.5	Rt.	37.5		
5-G	47+26	48+30	Rt.		104	
TOTAL				137.5	208	17

* Spaced on 5' Centers

DRIVES

Ref. No.	Station	℄ Side	Item E-1 Cubic Yards Excavation Add	Excavation Deduct	Embankment Add	Embankment Deduct	Item 5510 Aggregate Cu. Yds	Item I-1 12" Pipe For Drives Lin. Ft.	Item E-12 Pipe Removal 18" & Under Lin. Ft.	Item E-8 Pave't Removal Sq. Yds	Item T-70 7" Port. Cem. Conc. Sq. Yds
1-D	36+07	Lt.		3	3	1	24.9	50			
2-D	36+86 to 38+00	Rt.					84.3				
3-D	49+64.3	Rt.		4	8	1		22	22	32	36.2
TOTAL				7	6	2	109.2	72	22	32	36.2

ROADSIDE IMPROVEMENT

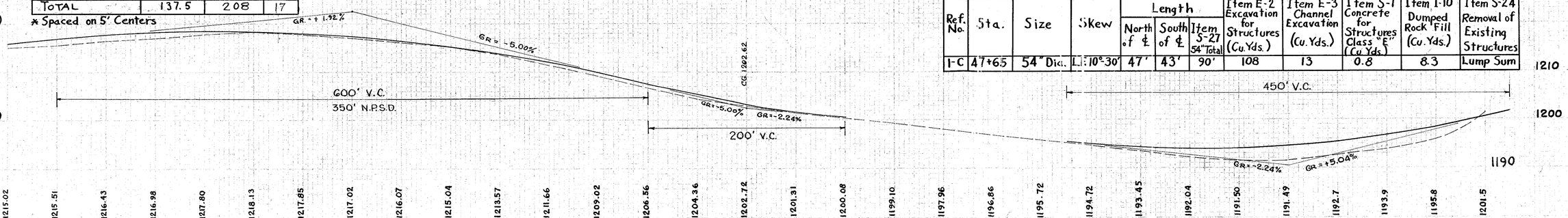
Station From	Station To	Side	L-9 Seeding And Protecting Sq. yds.	L-9 Commercial Fertilizer Tons
35+00	50+00	L & R	818	0.736
TOTALS			818	0.736

PAVEMENT REMOVAL

Station From	Station To	Item E-8, Removal & Disposal of Exist. Pavement Sq. Yds.
EXIST. ℄ 46+50	EXIST. ℄ 50+00	622.2

STRUCTURES 20' AND UNDER

Ref. No.	Sta.	Size	Skew	Length North of ℄	Length South of ℄	Item S-27 54" Total	Item E-2 Excavation for Structures (Cu.Yds.)	Item E-3 Channel Excavation (Cu.Yds.)	Item S-1 Concrete for Structures Class "E" (Cu.Yds.)	Item I-10 Dumped Rock Fill (Cu.Yds.)	Item S-24 Removal of Existing Structures
1-C	47+65	54" Dia.	L: 10°-30'	47'	43'	90'	108	13	0.8	8.3	Lump Sum



Excavation	1303 Cu.Yds.
Embankment	431 Cu.Yds.
Emb. + 22 %	526 Cu.Yds.

Excavation	12.92 Cu.Yds.
Embankment	1971 Cu.Yds.
Emb. + 22 %	2405 Cu.Yds.

PLAN & PROFILE STA. 35+00 to STA. 50+00