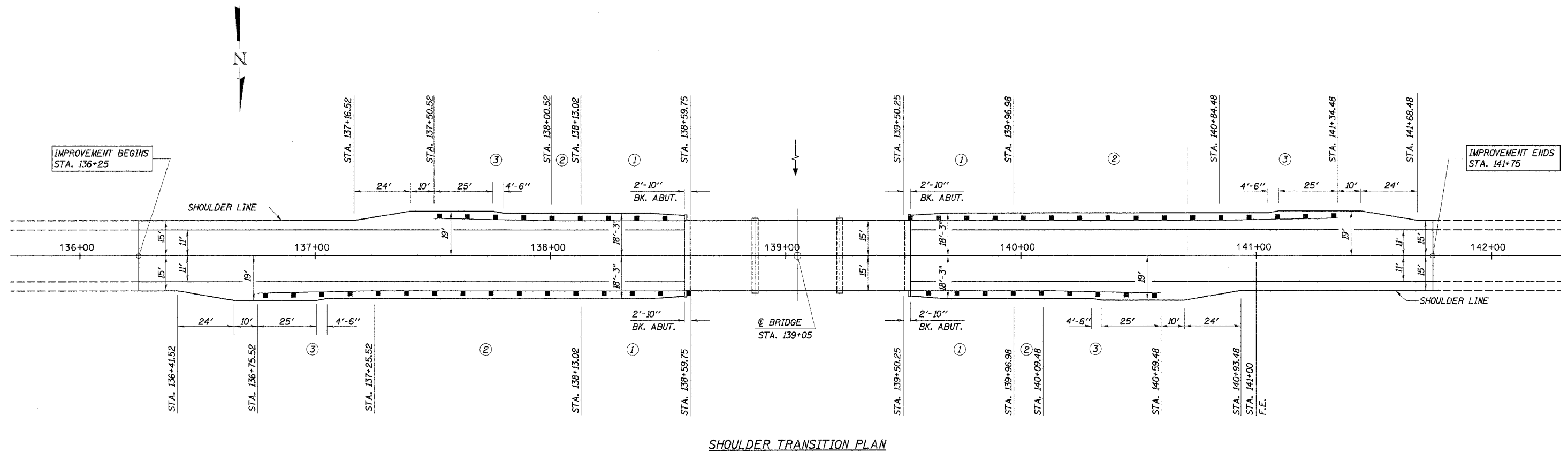


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 4	04-00034	IROQUOIS	16	5
F.A.S. 321	-04-BR			
ROAD DIST.	ILLINOIS	PROJ. NO. BRS-321113		
CONTRACT NO. 87299				



SHOULDER TRANSITION PLAN

GUARDRAIL REMOVAL

RT. STA. 137+64 TO STA. 138+66 = 102 FOOT
 LT. STA. 137+88 TO STA. 138+66 = 78 FOOT
 RT. STA. 139+45 TO STA. 139+85 = 40 FOOT
 LT. STA. 139+45 TO STA. 140+47 = 102 FOOT
 TOTAL = 322 FOOT

TRAFFIC BARRIER TERMINAL, TYPE 6A

15' LT. & RT. STA. 138+13.02 TO STA. 138+59.75 = 2 EACH
 15' LT. & RT. STA. 139+50.25 TO STA. 139+96.98 = 2 EACH
 TOTAL = 4 EACH

STEEL PLATE BEAM GUARDRAIL, TYPE A

15' RT. STA. 137+25.52 TO 15' RT. STA. 138+13.02 = 87'-6"
 15' LT. STA. 138+00.52 TO 15' LT. STA. 138+13.02 = 12'-6"
 15' RT. STA. 139+96.98 TO 15' RT. STA. 140+09.48 = 12'-6"
 15' LT. STA. 139+96.98 TO 15' LT. STA. 140+84.48 = 87'-6"
 TOTAL = 200'-0"

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

16' RT. STA. 136+75.52 TO 15' RT. STA. 137+25.52 = 1 EACH
 16' LT. STA. 137+50.52 TO 15' LT. STA. 138+00.52 = 1 EACH
 15' RT. STA. 140+09.48 TO 16' RT. STA. 140+59.48 = 1 EACH
 15' LT. STA. 140+84.48 TO 16' LT. STA. 141+34.48 = 1 EACH
 TOTAL = 4 EACH

LEGEND

- ① TRAFFIC BARRIER TERMINAL, TYPE 6A
- ② STEEL PLATE BEAM GUARDRAIL, TYPE A
- ③ TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

DESIGNED	S.F.M.
CHECKED	F.J.S. & A.R.K.
DRAWN	S.A.P. & J.P.S.
CHECKED	S.F.M. & A.R.K.

NOTE: ALL OFFSET DIMENSIONS REFER TO FRONT FACE OF PROPOSED RAILING.

SHOULDER AND GUARDRAIL DETAILS

COUNTY HIGHWAY 4
 SEC. 04-00034-04-BR
 IROQUOIS COUNTY
 STATION 139+05

4440 ASH GROVE SPRINGFIELD, IL 62711 (217) 793-8600 www.fehr-graham.com	FEHR-GRAHAM & ASSOCIATES, LLC ENGINEERING AND SCIENCE CONSULTANTS FREDERICK, ROCKFORD, ROCKFELLE, SPRINGFIELD, ILL.	JOB NO.: 46817 FILE: 0403SHLDR.dgn DATE: 11/06/06
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