CONTRACT NO 66543

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	139 BR-2	KANKAKEE	69	56
STA. 216+50	TO STA. 222+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / RT. OF WAY CHECKED / ROAD TIE MADE / NOTE BOOK / ENG. NOTES / NO. / BY / DATE

PROFILE — SURVEYED / DRAWN / GRADES CHECKED / ENG. NOTES / NOTE BOOK / STRUCTURE NOTATIONS CHKD / NO. / BY / DATE

¢ EXISTING STRUCTURE
NO. 046-0098
¢ STA. 219+25
SINGLE SPAN SLAB BRIDGE

¢ PROPOSED STRUCTURE
NO. 046-2508
¢ STA. 219+25
PRECAST DOUBLE 7'x7' BOX CULVERT
10°00'00" SKEW

GUARDRAIL REMOVAL
TYP, ALL QUADRANTS

STA. 217+47, 35' LT TO
STA. 217+88, 36' LT
37' PIPE CULVERT,
CLASS D, TY 1, 15"
2 END SECTIONS, 15"
USFL = 620.5
DSFL = 620.3

PROP. R.O.W.
217+25 40' LT.

PROP. R.O.W.
219+00 70' LT.

PROP. R.O.W.
220+00 70' LT.

EDDENA HISSONG
17-29-300-001

TREE REMOVAL
TYP. FOR 4

LIMITS OF CONSTRUCTION

EXIST. R.O.W.

TEL LINE RELOCATION
BY OTHERS

BEGIN
IMPROVEMENTS
STA. 216+73

MATCH LINE STA 216+50

MATCH LINE STA 222+00

WARNING SIGN
TELEPHONE

35' CMP

18" CMP

+62 FE

+00 FE

+73

+33

+16

+97

+34

+53

3' SHLDR

12.0' LANE

12.0' LANE

10°

5.00' TYP.

40.00'

60.00'

217

218

219

220+00

221

¢ FAP 840 (US 45/52)

SAWCUT

SAWCUT

BEGIN
CONSTRUCTION
STA. 216+50

4" C

WARNING
SIGN GAS

GAS LINE RELOCATION
BY OTHERS

LIMITS OF CONSTRUCTION

STA. 216+72, 32' RT TO
STA. 217+30, 33.2' RT
52' PIPE CULVERT,
CLASS D, TY 1, 18"
2 END SECTIONS, 18"
USFL = 619.3
DSFL = 619.0

PROP. R.O.W.
217+25 40' RT.

PROP. DITCH, TYP.

DITCH FORESLOPE TRANSITIONS IN & OUT FROM STA. 219+00 TO 219+62 LT & 218+88 TO 219+50 RT. WITHIN 30' LT OR RT, THE FORESLOPE TRANSITIONS FROM 1:4 TO THE FLATTER GEOMETRY REQUIRED OVER THE BOX CULVERT (SEE SHEET 13). BEYOND 30' LT & RT, THE FORESLOPE TRANSITIONS FROM 1:4 TO 1:2 AT THE WINGWALL ENDS.

PROP. R.O.W.
219+00 70' RT.

EDGE OF WATER

EDGE OF WATER

PROP. R.O.W.
220+00 70' RT.

ROW MARKER
TYP. FOR 6

NOTE:
SEE SHEET 10 FOR
RIPRAP LAYOUT

RICHARD & MONICA DEUTSCHE
17-30-400-002

LEGEND

- BITUMINOUS REMOVAL BUTT JOINT
- PAVEMENT REMOVAL
- AGGREGATE SHOULDERS, TY B
- RIPRAP, CLASS A4

STA. 216+73
MATCH EXIST. ELEV. 623.60
BEGIN IMPROVEMENTS
BEGIN BUTT JOINT

END BUTT JOINT
STA. 217+63.00
ELEVATION 623.80

STA. 218+97
BEGIN PVT. REMOVAL
& FULL DEPTH PAVEMENT

STA. 219+53
END PVT. REMOVAL
& FULL DEPTH PAVEMENT

PROP. PROFILE ALONG ¢ FAP 840

EXIST. PROFILE ALONG ¢ FAP 840

0.00%

+0.00%

LT. DITCH
STA. 216+95
MATCH EXISTING

LT. DITCH
STA. 217+35
ELEV. 620.5

PROP. LEFT
DITCH PROFILE

LT. DITCH
STA. 218+50
ELEV. 620.1

LIMITS OF
PORQUS GRANULAR
EMBANKMENT, TYP

HWE (50 YR) 620.7

RT. DITCH
STA. 220+00
ELEV. 618.6

EXIST. LEFT
DITCH PROFILE

620.5

620.3

619.3

619.0

0.4%

0.4%

0.4%

RT. DITCH
STA. 218+50
ELEV. 618.6

-7.2%

-7.5%

6.0%

6.8%

PROP. 7'x7' DOUBLE
BOX CULVERT

RT. DITCH
STA. 216+50
MATCH EXISTING

EXIST. RIGHT DITCH PROFILE

PROP. RIGHT DITCH PROFILE

LT. DITCH
STA. 220+00
ELEV. 618.4

EXISTING STRUCTURE

624
622
620
618
616
614

1. RT. DITCH, STA. 219+07 ELEV. 614.4
2. RT. DITCH, STA. 219+22 ELEV. 614.4
3. LT. DITCH, STA. 219+26 ELEV. 614.3
4. LT. DITCH, STA. 219+41 ELEV. 614.3

623.57
623.63 623.66
623.64 623.77
623.59 623.80
623.51 623.80
623.42 623.80
623.44 623.80
623.43 623.80
623.49 623.80
623.55 623.80
623.55 623.80
623.54 623.80

216+50 217+00 217+50 218+00 218+50 219+00 219+50 220+00 220+50 221+00 221+50 222+00