93409

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1425	99-00103-00-FP	HANCOCK	11	5
F.H.W.A. REG. NO. 4	ILLINOIS	PROJECT		

Sec. 4, T.5N., R.7 W., 4th P.M.

M & T HARRELL LIMITED PARTNERSHIP

Lt. Sta. 201+79 P.E.
18' WIDE. Remove existing 22'x 15" C.M.P.
INSTALL: PIPE CULVERTS, CLASS C TYPE 1 24", 48' LONG
41.00' lt. Sta. 201+48.0, El. 58.50
29.34' lt. Sta. 201+94.3, El. 63.65

CECIL JR. & IOLA SHIPMAN

CECIL JR. & IOLA SHIPMAN

CAROL MARIE & PHILLIP PAUL KNOCHE

CECIL JR. & IOLA SHIPMAN

Sta. 214+89.00
INSTALL PIPE CULVERTS, CLASS C, TYPE 3 96" 124' LONG WITH METAL END SECTIONS 96" EACH END 8.3° LHF SKEW
(SEE SPECIAL PROVISIONS AND CROSS SECTION SHEET)

PROPOSED R.O.W

EXISTING CENTERLINE CH 26

+58.0 F.E. 18' wide To Be Moved to Sta. 208+70

EDGE OF PROPOSED PAVEMENT

CONSTRUCTION LIMITS

INSTALL: PIPE CULVERTS, CLASS C TYPE 1 18", 32' LONG

Lt. Sta. 210+62 P.E.
15' WIDE. Remove existing 22'x 15" C.M.P. & Construct A Summit.

PI STA = 214+38.40

PC STA = 211+53.65

HOUSE

BARN FOUNDATION

Conc. Blocks

1/4" PVC Plug

Elec. Meter

Plastic drain out

Water meter

4" P. field tile outlet

Gas Regulator

TELE. PED.

CONTEL Sign

Northern IL GAS Sign

M.B.

STONE DUMPED RIPRAP, CLASS A4

STA. 201+47
REMOVE EXISTING 6'x6'x24' BOX CULVERT AND UPSTREAM RETAINING WALL.
REMOVE EXISTING STRUCTURES: 1 EA.
INSTALL 72' LENGTH OF PRECAST CONCRETE BOX CULVERT 8'X6' WITH PRECAST CONCRETE BOX CULVERT END SECTIONS 8'X6'.
15° RHF SKEW

RODNEY & MARCIA A. McGAUGHEY

SCALES: (FULL SCALE)
1" =50' HOR
1" =5' VER

WATERWAY INFORMATION
DRAINAGE AREA_____200 ACRES
DESIGN DISCHARGE (20 YR.)_____134 C.F.S.
EXISTING OPENING_____36 CU. FT.
REQUIRED OPENING_____48 CU. FT.
PROPOSED OPENING_____48 CU. FT.
CREATED HEAD_____0.31 FOOT
100 YR. DISCHARGE_____190 C.F.S.
CREATED HEAD (100 YR.)_____0.36 FOOT

PROPOSED CENTERLINE CH 26

EDGE OF PROPOSED SHOULDER

PROPOSED R.O.W

TEMPORARY EROSION CONTROL
PERIMETER EROSION BARRIER
TEMPORARY DITCH CHECK

CIRCULAR
Dc = 11°27'33"
T = 146.35
R = 500.00
L = 264.75
C = 280.92
E = 20.98
M = 20.13

PI STA = 213+00
EAST = 0.00
NORTH = 21300.00
I = 32°37'47"L

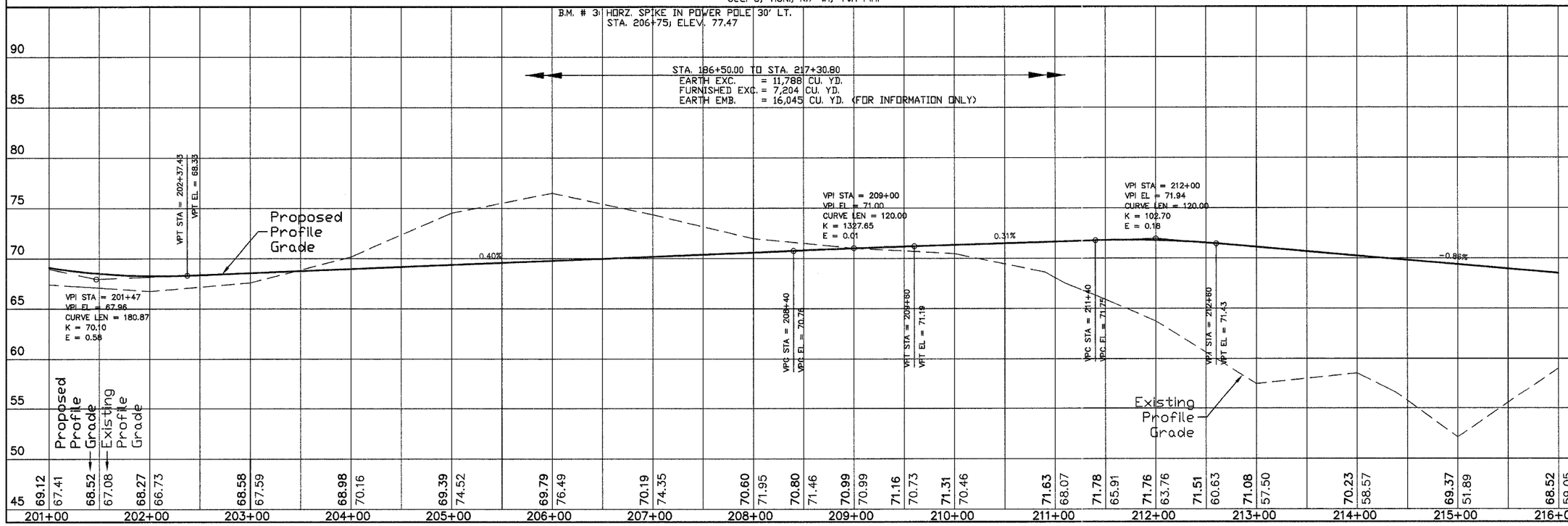
RODNEY & MARCIA A. McGAUGHEY

SE. RATE: 6%
Attained: 210+73 to 212+38
Removed: 213+54 to 215+19

Exist. 5.5'x8x25 Conc. Box Culv. to remain.

WATERWAY INFORMATION
DRAINAGE AREA_____390 ACRES
DESIGN DISCHARGE (20 YR.)_____175 C.F.S.
EXISTING OPENING_____44 CU. FT.
REQUIRED OPENING_____50 CU. FT.
PROPOSED OPENING_____50 CU. FT.
CREATED HEAD_____0.90 FOOT
100 YR. DISCHARGE_____245 C.F.S.
CREATED HEAD (100 YR.)_____1.05 FOOT

Sec. 3, T.5N., R.7 W., 4th P.M.

B.M. # 3: HORZ. SPIKE IN POWER POLE 30' LT. STA. 206+75, ELEV. 77.47

STA. 196+50.00 TO STA. 217+30.80
EARTH EXC. = 11,788 CU. YD.
FURNISHED EXC. = 7,204 CU. YD.
EARTH EMB. = 16,045 CU. YD. (FOR INFORMATION ONLY)