COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
LT. STA. 48+82.57 TO STA. 49+63.58 (S. ELM)
79.5 FOOT

GUARDRAIL REMOVAL
LT STA. 48+53.77 TO STA. 49+49.36 (S. ELM)
76 FOOT

LT. STA. 48+53.77 TO STA. 49+63.58 (S. ELM)
TRAFFIC BARRIER TERMINAL, TYPE 1,
SPECIAL (TANGENT), 1 EACH
STEEL PLATE BEAM GUARDRAIL, TYPE A
62.5 FOOT

EXIST. R.O.W.

℄ SOUTH ELM STREET

IMPROVEMENT BEGINS
STA. 48+53.77

EXISTING FENCE
TO BE REMOVED BY OWNER

CHAIN LINK FENCE
TO BE INSTALLED BY OWNER

RETAINING WALL
RT. STA. 48+77.65 (S. ELM) TO
RT. STA. 10+00 (IL RTE 96)
CONCRETE STRUCTURES, 20.4 CU YD
REINFORCEMENT BARS, 1920 POUND
(SEE DETAIL SHEET)

CONCRETE RETAINING WALL REMOVAL
RT. STA. 48+77.59 (S. ELM) TO
RT. STA. 10+00 (IL RTE 96)
140 FOOT

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
RT. STA. 48+82.79 TO STA. 49+63.49 (S. ELM)
82.0 FOOT

SIDEWALK REMOVAL
RT. STA. 48+77.59 TO
STA. 49+71.00 (S. ELM)
497 SQ FT

F.F. Elev. 541.39

Elev. 541.62

29.5'

℄ IL RTE 96

STA. 9+20.5 (IL RTE 96) =
STA 50+00.00 (N. ELM STREET)

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
LT. STA. 50+29.32 TO STA. 50+40 (N. ELM)
10.5 FOOT

℄ NORTH ELM STREET

EXIST. R.O.W.

IMPROVEMENT ENDS
STA. 51+31.46

EXIST. R.O.W.

F.F. Elev. 533.79

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
RT. STA. 50+30.70 TO STA. 50+40 (N. ELM)
9.5 FOOT

STA. 9+50.00 (IL RTE 96) =
STA. 50+00.00 (S. ELM STREET)

49+00

50+00

10+00

9+00

13.5'

15'

29.5'

5'

12'

19'

19.3'

51

PROP. CURVE ELMSREL-1
PI STA. = 49+00.84
Δ = 20° 27′ 32″ (RT)
D = 57° 17′ 45″
R = 100.00′
T = 18.05′
L = 35.71′
E = 1.62′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 48+82.79
P.T. STA = 49+18.50

PROP. CURVE ELMSREL-2
PI STA. = 49+41.22
Δ = 25° 35′ 44″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 22.72′
L = 44.67′
E = 2.55′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 49+18.50
P.T. STA = 49+63.18

20′ 0 10′ 20′

SOUTH ELM STREET

539.31
+53.77
538.64
-1.72%
+82.79
538.14
-3.00%
VPI STA. 49+34.77
ELEVATION 536.88
+1.00%
VPI STA. 49+78.50
ELEVATION 537.32
+1.50%
VPI STA. 49+86.50
ELEVATION 537.64
85.00′ V.C.
EXISTING PROFILE GRADE
SOUTH ELM STREET
PROPOSED PROFILE GRADE
SOUTH ELM STREET

49+00	49+50	50+00
539.16 / 539.13	538.55 / 538.53	537.99 / 537.94
537.71 / 537.51	537.81 / 537.26	537.41 / 537.21
537.19 / 537.38	537.81 / 537.84	

SCALE: 1″ = 20′ HORZ.
1″ = 5′ VERT.

NORTH ELM STREET

538.05
-1.50%
VPI STA. 50+13.50
ELEVATION 537.85
4.00%
VPI STA. 50+40.00
ELEVATION 536.79
51.00
535.90
5.77%
+76.39
532.40
25.00′ V.C.
50.00′ V.C.
-5.77%
-1.75%
VPI STA. 51+17.98
ELEVATION 532.29
532.05
PROPOSED PROFILE GRADE
NORTH ELM STREET
EXISTING PROFILE GRADE
NORTH ELM STREET

50+00	50+50	51+00
538.05 / 538.05	537.11 / 537.59	535.57 / 536.68
534.43 / 535.63	533.50 / 534.48	532.59 / 533.33
532.25 / 532.34		

SCALE: 1″ = 20′ HORZ.
1″ = 5′ VERT.

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELM STREET PLAN PROFILE

SCALE: 1″=20′ | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(6G-WPSO)BR	HANCOCK	41	14
		CONTRACT NO. 68214		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADE CHECKED, BAL. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE