53482 CONTRACT NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00445-00-BR	SANGAMON	17	4
STA. 3+00.00	TO STA. 7+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / RT. OF W.Y. CHECKED / NOTE BOOK: / FILE NAME / NO. / BY / DATE

PROFILE — SURVEYED / DRAWN / GRADES CHECKED / B.M. NOTED / PROFILE NOTATING CHKD / NOTE BOOK: / NO. / BY / DATE

PLOT DATE = 6/2/2006
FILE NAME = e:\FILE\$
USER NAME = e:\SCALE\$
REFERENCE = e:\REF\$

20′ 0 20′ 40′
SCALE: 1″ = 20′

P.H. BROUGHTON ET. AL.

EXISTING R.O.W.

BIT.

AMOS AVENUE

POT Sta 3+00.00

3+00

N 1145771.95
E 2433900.64

POINT #4

EXISTING R.O.W.

EROSION CONTROL BLANKET 11 SQ. YD. (TYP. EA. GUTTER FLARE)

BROUGHTON WEST ENT.

NAIL & B.C.

24.3′

44.4′

AMOS AVENUE

BROUGHTON EAST ENT.

P.K. NAIL

L = 51.04′

POINT #4-STA. 2+35.54, 15.32′ RT.
N 1145836.1113
E 2433884.1154

CITY OF SPRINGFIELD
℅ DOUG ENGLAND

EROSION CONTROL BLANKET 37.5 SQ. YD.

PROPOSED C.C.C. & G. TYPE B-6.12

PROPOSED ℄ AMOS AVE.

PROPOSED GUTTER FLARE (TYP. EACH APPROACH) COST INCLUDED WITH C.C.C. & G., TY. B-6.12

PROPOSED P.C.C. SIDEWALK, 4″

4′

67.5′ TAPER (15:1)

4+00

67.5′ TAPER (17:1)

10′

5′

10′ RT.

25.08′ RT.

+00.00 25.08′ RT.

BEGIN ROADWAY IMPROVEMENTS STA. 3+65.33

STA. 4+69.00
STRUCTURE NO. 084-8009
PROPOSED TRIPLE BOX CULVERT
(2 @ 12′x8′-11″, 1 @ 15′x10′)

EROSION CONTROL BLANKET 37 SQ. YD.

SPRINGFIELD METRO SANITARY DISTRICT

CITY OF SPRINGFIELD
℅ DOUG ENGLAND

EROSION CONTROL BLANKET 37.5 SQ. YD.

21′

LIMITS OF CHANNEL REM. & REPLACE

CONC.

STA. 5+16.16
28.58′ LT.

+32.83

+05.17

R=15′

18″ CMP

PRC Sta 5+37.53

PT Sta 5+37.53

4′

60″ TAPER (16:1)

13.5′

18.55′

19.61′

60″ TAPER (12:1)

+00.00

CONC. HDWL.

+95.00

+63.00
36.72′ RT.

+94.32

5′

2′

18′

14′

23′

LIMITS OF CHANNEL REM. & REPLACE

CONC.

PROPOSED 18″ STORM SEWER CLASS A, TYPE 1 30 FOOT D.S. INV. 536.00

EROSION CONTROL BLANKET 32 SQ. YD.

12 FOOT OF EXISITNG 18″ CMP TO BE REMOVED
PROPOSED METAL END SECTION 18″, 1 EACH, AT TOP OF NEW PAVED CHANNEL

PROPOSED BITUMINOUS SHOULDER, 8″ 18 SQ. YD

EROSION CONTROL BLANKET 31.5 SQ. YD.

℄ DRAINAGE CHANNEL

FOREST HILLS HOMEOWNERS ASSOCIATION
℅ KURT COSTELLO

EXISTING SANITARY SEWER TO BE ABANDONED

STA. 5+30.60, 22.16′ RT.
EXISTING CONCRETE HEADWALL TO BE REMOVED WITH 47 FOOT OF 18″ CMP.
PROPOSED P.R.C.F.E.S. 18″, 1 EACH, INV. ELEV. 537.00

PAUL T. SMARJESSE

PROPOSED ℄ AMOS AVE. CURVE-1 DATA
PI STA. = 5+87.70
Δ = 11° 27′ 33″ (LT)
D = 11° 27′ 33″
R = 500.00′
T = 50.17′
L = 100.00′
E = 2.51′
P.C. STA = 5+37.53
P.T. STA = 6+37.53
e = N.C.

PROPOSED ℄ AMOS AVE. CURVE-2 DATA
PI STA. = 6+88.00
Δ = 19° 05′ 55″ (RT)
D = 19° 05′ 55″
R = 300.00′
T = 50.47′
L = 100.00′
E = 4.22′
P.C. STA = 6+37.53
P.T. STA = 7+37.53
e = N.C.

CITY OF SPRINGFIELD
℅ CWLP

PRC Sta 6+37.53

PT Sta 7+37.53

EXISTING R.O.W.

GRAVEL

TRANS. POINT #3

7+00

N 1145435.34
E 2433916.91

BIT.

6+00

66′

PROPOSED P.C.C. SIDEWALK, 4″

5′

GRAVEL

SPLIT RAIL

EXISTING R.O.W.

MATCH EXISTING SIDEWALK

END ROADWAY IMPROVEMENTS STA. 5+65.18

CONC.

BRENDA CT.

AMOS AVENUE

TRANS PED.

14.45′

7.15′

23.45′

P.K. NAIL

POINT #3-STA. 7+20.61, 9.69′ LT.
N 1145352.2272
E 2433933.2234

B.M. #A - CHISELED SQUARE, N.W. CORNER OF N. ABUTMENT OF EXISTING AMOS AVENUE BRIDGE OVER DRAINAGE DITCH. ELEV. 541.45

B.M. #B - MUELLER BOLT ON FIRE HYDRANT ALONG EAST SIDE OF AMOS AVENUE AT BROUGHTON ENTRANCE. ELEV. 546.83

560 555 550 545 540 535 530 525 520

EXISTING ROADWAY PROFILE (ALONG EXISTING CENTERLINE)

PROPOSED ROADWAY PROFILE (ALONG PROPOSED CENTERLINE)

STA. 3+65.33
MATCH EXISTING
ELEV. 541.15

541.15

+0.77%

+23.00 EL. 541.59

VPI STA. 4+73.00
ELEVATION 541.98

+0.77%

-1.11%

-1.11%

+23.00 EL. 541.42

540.95

STA. 5+65.18
MATCH EXISTING
ELEV. 540.93

EXISTING BRIDGE STRUCTURE TO BE REMOVED

ax = -0.24′
K = 63
100.00′ V.C.

EXISTING PROPOSED

| | | |