END OF PIPE CULVERT
END OF PIPE CULVERT
IRON PIN
END OF GUARDRAIL
13.59'
13.82'
8.04'
O&C
℄ CH 40/NEW CITY ROAD
N

STA. 120+85.43, 19.81' LT.
PT# 1 N 5,000.00, E 5,000.00 ELEV.=558.61

℄ CH 40/NEW CITY ROAD
O&C
25.37'
22.1'
7.07'
18" CMP
END OF GUARDRAIL
END OF PIPE CULVERT
END OF PIPE CULVERT
IRON PIN
N

STA. 123+78.27, 27.49' RT.
PT# 100 N 4,952.90 E 5,292.87, ELEV=558.27

30-07-4
300-009
CITY OF SPRINGFIELD
CWLP

SECTION 7, T14N, R4W, 3RD P.M.

36" EXISTING PIPE CULVERT
W. INV ELEV. = 547.95
E. INV ELEV. = 547.23
TO BE CLEANED

PERIMETER EROSION BARRIER
CONSTRUCTION LIMITS
F.E. +98 AGG
℄ STRUCTURE
STA. 122+30.00
SN 084-3414
TOP OF BANK
BRUSH CREEK
TOP OF BANK

30-07-4
300-011
CITY OF SPRINGFIELD
CWLP

BK. E. ABUT.
STA. 122+99.73

END IMPROVEMENTS
STATION 125+62.28
MATCH EXISTING

0 50 100
SCALE IN FEET

EXISTING ROW
60'
4' SHRD.
DITCH LINE
36" CMP
22'
4' SHRD.
DITCH LINE
50'
EXISTING ROW
115+00
OIL & CHIP
120+00
125+00
FENCE LINE
EXISTING ROW
DITCH LINE
80'
℄ CH 40/ NEW CITY ROAD
14' SHRD.
22'
4' SHRD.
43'
EXISTING ROW

BASELINE POINT COORDINATES CH40/NEW CITY ROAD
Point CL1 N 4,979.7914 E 4,388.6629 Sta 114+74.08
Point CL2 N 4,980.2897 E 5,144.5866 Sta 122+30.00
Point CL3 N 4,980.9016 E 6,072.8215 Sta 131+58.24

BASELINE POINT COORDINATES SOBLOTNY RD
Point CLSR1 N 4,980.3822 E 5,284.8434 Sta 0+00.00
Point CLSR2 N 4,829.2541 E 5,260.8427 Sta 1+53.02

BEGIN IMPROVEMENTS
STATION 119+00.00
MATCH EXISTING

30-18-4
100-004
CITY OF SPRINGFIELD
CWLP

STA. 123+12.77
OFFSET 43.00' RT.
BK. W. ABUT.
STA. 121+60.27
80°56'18"
①
STA. 124+14.03
OFFSET 43.00' RT.
STA. 123+70.26 ℄ CH 40
STA. 0+00.00 ℄ SOBLOTNY RD.

T.E. 0.13 ACRES
CITY OF SPRINGFIELD

STA. 123+58.00, 40' RT.
18" EXISTING PIPE CULVERT
W. INV ELEV. = 546.90
E. INV ELEV. = 546.81
TO BE PLUGGED

STA. 122+99.53
OFFSET 125.97' RT.

30-18-0
100-007
CITY OF SPRINGFIELD
CWLP

STA. 123+98.34
OFFSET 141.36' RT.

30-18-0
100-006
CITY OF SPRINGFIELD
CWLP

℄ SOBLOTNY ROAD
TOP OF BANK
BRUSH CREEK
TOP OF BANK
EXISTING ROW
15'
15'

END IMPROVEMENTS
STATION 1+35.35
MATCH EXISTING

SECTION 18, T14N, R4W, 3RD P.M.

① PROPOSED PIPE CULVERT
CLASS A, TYPE 3 24" x 75 FT
USFL = 449.00, STA. 123+96.62, 56.93 RT.
DSFL = 448.00, STA. 123+22.57, 45.03 RT.

B.M.- Disc stamped S.C.H.D. located on the top of concrete curb at the Northwest corner of existing structure 084-3014. Elevation = 560.14

EARTH EXCAVATION = 77 CU. YD.
FURNISHED EXCAVATION = 1205 CU. YD.
EMBANKMENT = 1263 CU. YD.

VPI STA. 119+00.00
ELEVATION 560.11
VPI STA. 121+60.27
ELEVATION 559.80
VPI STA. 122+99.73
ELEVATION 559.60
VPI STA. 125+62.28
ELEVATION 558.37

EXISTING GRADE LINE
PROPOSED GRADE LINE
-0.12%
0.14%
-0.24%
H.W.E. = 554.00
CHANNEL EXCAVATION = 333 CU. YD.
PROPOSED RIPRAP
STREAM BED ELEVATION = 539.40

570 565 560 555 550 545 540 535 530

	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130
EXISTING	562.16	561.68	561.29	560.95	560.72	560.59	560.42	560.20	560.11	560.12	560.06	559.94	559.88	559.90	559.70	559.71	559.82	559.57	559.37	559.26	559.13	559.00	558.87	558.74	558.66	558.62	558.71	558.87	559.15	559.49	560.07
PROPOSED					560.11	560.05	559.99	559.93	559.87	559.81	559.74	559.67	559.60	559.48	559.36	559.24	559.12	559.00													

FILE NAME = #FILE1#	USER NAME = #USER#	DESIGNED - KRG	REVISED -	MID-AMERICA ENGINEERING SERVICES SPRINGFIELD ILLINOIS
		DRAWN - GSJ	REVISED -	
	PLOT SCALE = #SCALE#	CHECKED - JLS	REVISED -	
	PLOT DATE = #DATE#	DATE -	REVISED -	

PLAN: SURVEYED, PLOTTED, DRAWN, TRACED, CHECKED, BY, DATE, NOTE BOOK, NO., ALIGNMENT CHECKED, R.O.W. CHECKED, CADD FILE NAME

PROFILE: SURVEYED, PLOTTED, DRAWN, TRACED, CHECKED, BY, DATE, NOTE BOOK, NO., ELEVATIONS CHKD, STRUCTURE NOTATIONS CHKD

PLAN AND PROFILE
SCALE: 50 | SHEET NO. 7 OF 32 SHEETS | STA. 119+00.00 TO STA. 125+62.28

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 40	08-00085-00-BR	SANGAMON	32	7
		CONTRACT NO. 93585		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		