CELESTE LINHA, LLC

PROPOSED ℄ FRONTAGE ROAD

PROPOSED R.O.W.

STA. 471+74.29
13.00′ RT.

PROP. CONST. LIMITS

COMB. CONC. CURB & GUTTER
TYPE B-6.24

60′

225′ TAPER

FRONTAGE RD.

471 | 472 | 473 | 474

26′

36′

225′ TAPER

10′ 2′

60′

STA. 471+74.29
13.00′ RT.

PROPOSED P.C.C. MULTI-USE
PATH, 4″

PROP. CONST. LIMITS

PROPOSED R.O.W.

SLOPE GUTTER FLAG AWAY FROM CURB

AT-GRADE RAILROAD
CROSSING AND
APPURTENANCES TO
BE COMPLETED BY
OTHERS

EX. R.O.W.

NE/4, NW/4 15-9-2

STA. 473+99.29,
18.00′ LT.

STA 474+23.58, 0.94′ LT.
5.06′ R, 6′ RAMPED NOSE

STA. 474+23.58, 0.94′ LT.,
3.20′ R, 6′ RAMPED NOSE

STA. 473+99.29,
18.00′ RT.

STA 474+28.65, 22.58′ RT.

474+86.65 ℄ FRONTAGE ROAD =
92+75.18 ℄ B.N.S.F. RAILWAY

STA. 474+58.72, 26.77′ RT.

STA. 474+86.06, 30.58′ RT.

PROPOSED PERM. ESMT.

DEPRESS CURB
OVER 5′ (TYP.)

12′ +60.84 5′

104′ TAPER

110′ R

100′ R

RAMP MULTI-USE PATH
OVER 6′ (1:12)

STA. 475+24.99
30.58′ RT.

PHILLIP CAMPBELL

STA. 474+97.36, 42.17′ LT.
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 36″
INV. ELEV. = 439.39

STA. 474+96.33, 3.73′ LT.
2.27′ R., 6′ RAMPED NOSE

PIPE CULVERT, CLASS A, TYPE 2 36″
15 L.F. @ 0.63%

PROP. PERM. ESMT.

PROPOSED R.O.W.

STA. 475+09.20, 18.00′ LT.
MANHOLE, TYPE A, 5′ DIAMETER
WITH TYPE 3V FRAME AND GRATE
E.O.P. ELEV. = 447.88
INV. ELEV. (S) = 439.56
INV. ELEV. (N) = 439.53

5′ +89.57

STA. 475+03.42, 2.00′ LT.

SLOPE GUTTER FLAG TOWARD CURB. MAINTAIN POSITIVE
DRAINAGE AROUND THE WEST MEDIAN NOSE.

STA. 475+45.50, 4.00′ LT.
2.00′ R, 6′ RAMPED NOSE

PIPE CULVERT, CLASS A, TYPE 2 36″
43 L.F. @ 0.63% | 476

475+00

STA. 475+29.69, 18.00′ RT.
MANHOLE, TYPE A, 5′ DIA. W/ TYPE 3V F & G
E.O.P. ELEV. = 448.25
INV. ELEV. (S) = 439.85
INV. ELEV. (N) = 439.82

+83.66 +12.29 20′

5′ 5′ 6′ 6′ 6′

STA. 475+82.40,
22.58′ RT.

110′ R

STA. 475+52.33, 26.77′ RT.

PIPE CULVERT, CLASS A, TYPE 2 36″
30 L.F. @ 0.63%

PROPOSED PERM. ESMT.

PROPOSED R.O.W.

100 R′

STA. 475+45.52, 55.54′ RT.
PRECAST REINFORCED CONCRETE
FLARED END SECTION, 36″
INV. ELEV. = 440.08

PHILLIP CAMPBELL

VPI STA. 475+90.00
ELEVATION 449.76

CELESTE LINHA, LLC

N

20′ 0 20′ 40′
SCALE: 1″ = 20′

MATCHLINE STA. 476+50.00

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
BLM. NOTED
STRUCTURE NO.
FILE NAME =
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
BLM. NOTED
STRUCTURE NO.
FILE NAME =
NOTE BOOK
NO.
BY
DATE

ex = 0.68′
K = 81
210.00′ V.C.

+05.00 EL. 438.95

VPI STA. 472+10.00
ELEVATION 439.65

+15.00 EL. 443.07

PROPOSED PROFILE
GRADE LINE

+15.00 EL. 445.02

VPI STA. 474+25.00
ELEVATION 446.65

SSD = 839′
ex = -0.17′
K = 73
100.00′ V.C.

+75.00 EL. 447.59

+15.00 EL. 448.35

SSD = 527′
ex = -0.45′
K = 63
150.00′ V.C.

EXISTING GROUND LINE
(ALONG PROPOSED ℄)

+25.00 EL. 438.98

+50.00 EL. 440.05

+00.00 EL. 435.21

+00.00 EL. 436.71

PROPOSED PROFILE
DITCH RIGHT SIDE

PROPOSED PROFILE
DITCH LEFT SIDE

435.98

435.58

439.39

440.08

+0.67% +3.25% +1.20% +0.50% +1.21% +0.50% +1.20% +3.25% +1.89% -0.50% +1.89% +1.25% +1.75% +0.75%

450 448 446 444 442 440 438 436 434

436.23 438.58 | 437.01 438.91 | 437.73 439.38 | 437.16 440.14 | 437.65 441.21 | 438.56 442.60 | 439.08 444.21 | 439.37 445.79 | 439.10 447.08 | 444.38 448.07 | 442.25 448.91 | 442.63 449.38 | 443.30 449.44

470+50 | 471+00 | 471+50 | 472+00 | 472+50 | 473+00 | 473+50 | 474+00 | 474+50 | 475+00 | 475+50 | 476+00 | 476+50

FILE NAME = h:\idot\0906603\draw\CADD_Sheets\D998859-sht-plnprf-006-Frontage.dgn	USER NAME = OpenH&B Springfield	DESIGNED - BB	REVISED -
		DRAWN - RH & SH	REVISED -
	PLOT SCALE = 20.0000 ′ / IN.	CHECKED - KPF & SPH	REVISED -
	PLOT DATE = 12/14/2011	DATE - 12/9/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
FRONTAGE ROAD

SCALE: 1″=20′ | SHEET NO. OF SHEETS | STA. 470+50 TO STA. 476+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1) VB-1, B-1, N-4, R-3	WILLIAMSON	367	57
		CONTRACT NO. 98859		
	ILLINOIS FED. AID PROJECT			