F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	(B&I4) R-3	WILL	390	90
STA.	810+00 TO STA.	816+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 60961				

PROP. CURVE PR-19
PI STA. = 810+68.81
Δ = 2° 30' 00" (LT)
D = 0° 45' 00"
R = 7,639.83'
T = 166.71'
L = 333.36'
E = 1.82'
P.C. STA = 809+02.10
P.T. STA = 812+35.46

PROP. CURVE PR-20
PI STA. = 814+35.58
Δ = 2° 30' 00" (RT)
D = 0° 45' 00"
R = 7,639.83'
T = 166.71'
L = 333.36'
E = 1.82'
P.C. STA = 812+68.87
P.T. STA = 816+02.23

NOTES:
1. FOR CURVE DATA AND BENCHMARKS SEE ALIGNMENT, TIES & BENCHMARKS SHEETS.
2. FOR REMOVAL INFORMATION SEE REMOVAL SHEETS.
3. FOR DRIVEWAY PAVEMENT MATERIAL SEE SCHEDULE OF DRIVEWAY QUANTITIES.
4. REFER TO DISTRICT ONE STANDARD DETAIL FOR DRIVEWAY DESIGN.
5. ALL RADII ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
6. FOR MAILBOX TURNOUTS SEE MISCELLANEOUS CONSTRUCTION DETAIL SHEET 237.

MATCHLINE STA. 810+00

MATCHLINE STA. 816+00

MEET EXISTING PAVEMENT

1½" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50 (17 TONS), 2" BIT. CONC. BINDER COURSE SUPERPAVE, IL-19.0, N50 (204 TONS)

2" POLY. BIT. CONC. SURFACE COURSE SUPERPAVE, MIX "E", N90 (455 TONS) 10¾" BIT. CONC. BINDER COURSE SUPERPAVE, IL-19.0, N90 (2448 TONS)

10:1 TAPER

10:1 TAPER

+33.31

501

28' E-E

+69.12

+63.12

+57.55

PROP. CC & G TYPE B-6.24 (201.6 LF)

+55.96 52.62' LT.

30' R

+33.18

12'

(PE)

EXISTING R.O.W.

+45.57 42.94' LT.

+44.54

TEMP. EASEMENT

+89.56 79.29' LT.

+39.02 77.42' LT.

TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EA.)

30' R

+39.00

+40.00

STEEL PLATE BEAM GUARDRAIL, TYPE A STA. 812+39 TO STA. 815+26.5 (287.5 LF)

+95.59

EXISTING R.O.W.

BITUMINOUS SHOULDERS SUPERPAVE, 6" (1446 SY)

PROP. CC & G TYPE B-6.24 (431.9 LF)

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT) (1 EA.) DESIGN SPEED = 45 mph

+64.00

CRYSTAL DR.

S 44° 59' 11" W

PT Sta 812+35.46

PC Sta 812+68.87

+33.55

+36.64 2.41' RT

+27.78 3' LT.

+42.38 6' LT.

1300' R

24'

PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5" (1306 SY)

PROPOSED ℄ US ROUTE 30

CONCRETE MEDIAN TYPE SB-6.12 (2804 SF)

500+00

86°-22'-17"

N 49° 01' 12" W

810+00

811

812

813

814

815+00

10.4'

63'

6.17' RT.

STA. 811+85.14 ℄ CRYSTAL DRIVE = STA. 500+00.00 ℄ CRYSTAL DRIVE

+91.46 BEGIN TAPER

PROPOSED CULVERT WIDENING AND EXTENSION STA. 812+91.78 SEE SHEETS 234-236

CORRUGATED MEDIAN (1025 SF)

+11.81 6.8' RT

1' STUB

+56.80 7' RT.

+34.99

PROP CC & G TYPE M-6.24 (96.6 LF)

+83.04

+30.83

+74.34

60'

TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EA.)

+41.21

+41.00

30' R

+40.61

+45.81 58.59' RT.

TEMP. EASEMENT

+34.60

+53.50

BITUMINOUS SHOULDERS SUPERPAVE, 6" (349 SY)

(PE)

+66.98 37.72' RT.

+93.50

BITUMINOUS SHOULDERS, 6" SUPERPAVE (675 SY)

EXISTING R.O.W.

+18.50

50' R

17'

(CE)

2'R

2'R

15'

45' R

EXISTING R.O.W.

+28.86 63.29' RT.

+45.71 63.59' RT.

+37.90 65.88' RT.

21'

+48.15

+60.69 66.61' RT.

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT) (1 EA.) DESIGN SPEED = 45 mph

TEMP. EASEMENT

+52.28 85.27' RT.

+02.85 81.84' RT.

+96.94 87.14' RT.

PROP. CC & G TYPE B-6.24 (632.9 LF)

TRAFFIC BARRIER TERMINAL, TYPE 2 (1 EA.)

STEEL PLATE BEAM GUARDRAIL, TYPE A STA. 812+31 TO STA. 814+18.5 (187.5 LF)

20'

20'

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT) (1 EA.) DESIGN SPEED = 45 mph

STEEL PLATE BEAM GUARDRAIL, TYPE A STA. 810+78.5 TO STA. 811+53.5 (75.0 LF)

+12.48 95.20' RT.

+89.19

10:1 TAPER

+62.82

CONCRETE MEDIAN SURFACE, 4 INCH (563 SF)

10' TRANSITION TO EXISTING CURB & GUTTER

• FROM STA. 812+35.46 TO STA. 816+66.78 PGL SHALL BE AT INTERIOR EDGE OF PAVEMENT, SEE TYPICAL SECTION FOR DETAIL

1½" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50 (7 TONS), 2" BIT. CONC. BINDER COURSE SUPERPAVE, IL-19.0, N50 (83 TONS)

PROPOSED ℄ US ROUTE 30

-0.46%

EXISTING ℄ US ROUTE 30

STA. 811+85.14 ℄ CRYSTAL DRIVE

620 615 610 605 600 595 590 585 580

EXISTING / PROPOSED

609.26 609.32 | 609.01 609.09 | 608.56 608.86 | 608.09 608.63 | 608.02 608.40 | 607.49 608.16 | 607.35 607.93 | 607.33 607.70 | 607.29 607.47 | 607.17 607.24

810+00 810+50 811+00 811+50 812+00 812+50 813+00 813+50 814+00 814+50

607.36 607.00 | 607.28 606.77 | 606.57 606.54

815+00 815+50 816+00

REVISIONS	
NAME	DATE
AMB	12/21/04

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE

US ROUTE 30

SHEET 17 OF 22

SCALE: VERT.: 1"=5'
HORIZ.: 1"=20'
DATE: 3/1/05

DRAWN BY: SNH
CHECKED BY: AMB/KDF

PLAN — SURVEYED: A. OLIVER; ALIGNMENT CHECKED: BY; CADD FILE NAME: ; NOTE BOOK: ; NO.: ; DATE: ; BY:

PROFILE — SURVEYED: PLOTTED: CHECKED: BEAM, NO.ED: STRUCTURE NO.ATING GIVEN: ; NOTE BOOK: ; NO.: ; DATE: ; BY:

i:\dot\0006602\drawbid\sheets\ppl7.dgn