F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	(B&14) R-3	WILL	390	368
STA.	734+00	TO STA. 740+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60961				

MEET EXISTING PAVEMENT

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N70-1½", LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N70 -2"

MUNCIPALITY: CREST HILL

10' CURB TRANSITION TO B-6.12

66'

35'

E-E

+90.62

+05.07 69.42' LT.

+70.00

+70.03

+71.13 69.47' LT.

+75.53 64.47' LT.

40' R

+93.13 44.47' LT.

SUSANNA WAY

S 41° 08' 25" W

501

500+00

POT Sta 734+60.75

PROP. B-6.24 CC & G (LF)

+95.42

B-41

IB-2

PROPOSED R.O.W.

+50.00 64.48' LT.

PROP. B-6.24 CC & G (LF)

PORTLAND CEMENT CONCRETE PAVEMENT, 9½" (JOINTED) (SY)

+50.04 49.48' LT.

+22.50 49.49' LT.

+22.50 44.49' LT.

EXISTING R.O.W.

B-42

PROPOSED ℄ US ROUTE 30

STA. 739+13.37 ℄ US ROUTE 30= STA. 500+00.00 ℄ FERN STREET

MATCHLINE STA. 734+00

734

735+00

736

737

738

739

90°-0'-27"

179°-56'-43"

49°-2'-50"

N 48° 51' 09" W

N 48° 54' 26" W

60'

SB-22

STA. 734+37.99 ℄ US ROUTE 30= STA. 500+00.00 ℄ SUSANNA WAY

12" CMP

12" CMP

12" CMP

(PE)

(CE)

(PE)

(PE)

(PE)

EXISTING R.O.W.

PROPOSED R.O.W.

+69.32

+57.32

+75.05 45.52' RT.

30' R

+80.05 50.52' RT.

+85.05 55.52' RT.

+39.96

+33.95

+40104

FERN ST.

28' E-E

50'

499

+56.52 37.51' RT.

+53.05 37.51' RT.

+56.52 55.51' RT.

30' R

+35.03 55.51' RT.

PROP. B-6.24 CC & G (LF)

MATCHLINE STA. 740+00

13'

44'

24'

24'

13'

+60.10 50.92' RT.

+47.59

+12.39

+12.27

+60.34

+94.56

+30.10 55.54' RT.

+30.10 75.56' RT.

STA. 734+30.00 39.58' RT.

END RW-2 STA. 734+41.25

50.75' RT.

REFER TO SHEET__ FOR CONSTRUCTION DETAILS OF EXISTING DRIVEWAY RETAINING WALLS

+60.10 75.53' RT.

TEMP. EASEMENT

PROP. B-6.24 CC & G (LF)

PROP. SHEET PILE RETAINING WALL (RW-2) STA. 729+70 TO STA. 734+41.25

NOTES:

1. FOR CURVE DATA AND BENCHMARKS SEE ALIGNMENT, TIES & BENCHMARKS SHEETS.
2. FOR REMOVAL INFORMATION SEE REMOVAL SHEETS.
3. FOR DRAINAGE AND UTILITY INFORMATION SEE DRAINAGE/UTILITY SHEETS.
4. FOR DRIVEWAY PAVEMENT MATERIAL AND THICKNESS SEE SCHEDULE OF DRIVEWAY QUANTITIES.
5. REFER TO DISTRICT ONE STANDARD DETAIL FOR DRIVEWAY DESIGN.
6. ALL RADII ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
7. MAILBOXES SHALL BE PERMANENTLY RELOCATED TO ALLEY BEHIND PROPERTIES FROM LENESS LANE TO FERN STREET.
8. FOR MAILBOX TURNOUTS SEE CONSTRUCTION DETAIL SHEET.

+88.31 15.94' LT.

10:1 TAPER

10:1 TAPER

MEET EXISTING PAVEMENT

+48.00

+49.83 13.15' LT.

18' E-E

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N70-1½", LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N70 -2"

EXISTING ℄ US ROUTE 30

STA. 739+93.37 ℄ FERN STREET

628.27 629.16

621.87 628.30

621.50 627.96

735+00

739+50

740+00

PROPOSED ℄ US ROUTE 30

IB-2 736+00 40' LT.

HARD BROWN SILTY CLAY (TILL)

V. STIFF BROWN AND GRAY MOTTLED SILTY CLAY

⑥

0' TO 35' SEC A-7-6 (30) LL=53 PL=23 P.I.=30

+5.00%

-1.70%

VPI STA. 734+50.63 ELEVATION 636.78

550.00 V.C.

STA. 734+37.99 ℄ SUSSANNA WAY

HIGH POINT STA. 735+86.25 ELEV. 633.30

EXISTING PROPOSED

631.24 631.18

631.96 632.17

632.25 632.84

631.97 633.22

631.83 633.28

631.53 633.05

631.20 632.51

630.49 631.70

629.95 630.85

629.25 630.00

645 640 635 630 625 620 615 610 605 600

734+00 734+50 735+00 735+50 736+00 736+50 737+00 737+50 738+00 738+50

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

US ROUTE 30

SHEET 4 OF 22

SCALE: VERT.: 1"=5'
HORIZ.: 1"=20'

DATE: 03/29/02

DRAWN BY: SNG

CHECKED BY: AMB/KDF

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