PROP. CURVE EX_THORNDL-0
PI STA. = 10+28.77
Δ = 26° 36′ 06″ (RT)
D = 15° 49′ 39″
R = 362.00′
T = 85.58′
L = 168.07′
E = 9.98′
P.C. STA. = 9+43.19
P.T. STA. = 11+11.27

PROP. CURVE EX_THORNDL-1
PI STA. = 13+95.84
Δ = 26° 16′ 32″ (LT)
D = 12° 23′ 14″
R = 462.54′
T = 107.96′
L = 212.12′
E = 12.43′
P.C. STA. = 12+87.89
P.T. STA. = 15+00.00

SEE IL RTE 53 SHEET PP-15

WIDENING AND RESURFACING LIMIT STA. 11+00.82

PROP. ℄ IL RTE 53

EXIST. R.O.W.

PROP. R.O.W.

COMB CC&G TB6.24

PC CONC SIDEWALK 5

14+52.73
105.77′ LT

15+35.01 R 2
100.82′ LT

RECONSTRUCTION LIMIT STA. 17+45.50

PROP. ℄ THORNDALE AVE

+50.64 R 2 CE CONC

+40.90 R 2

+05.40 R 2

+48.44 R 2 CE CONC

19.3′

30.6′

70.0′ R
55.0′ R

450.0′R

481.0′R

40.0′

13+71.03
26.82′ LT

15+75.74 R 2
45.79′ LT

30.5′

15+00
15+00

15+89.45 R 2
32.06′ RT

14+22.27
28.59′ RT

18.5′

18.7′

18.8′

HMA SC "D" N70 1 1/2"
P LEV BIND MM N50 3/4"
HMA BASE CSE 9 1/4"

+65.53 CE CONC

+54.38 CE CONC

12+87.89
18.50′ RT

13+28.34
18.50′ RT

① ℄ THORNDALE AVE. STA. 15+06.95=
℄ IL RTE 53 STA. 238+11.19

② ℄ THORNDALE AVE. STA. 15+00.00=
℄ IL RTE 53 STA. 238+04.25

RECONSTRUCTION LIMIT STA. 12+45.64

PCC PVT 10 JOINTED

PCC PVT 10 JOINTED (TYP)

COMB CC&G TB6.24

14+68.59
92.86′ RT

15+40.30 R 2
92.86′ RT

65.0′R

70.0′R

EXIST. R.O.W.

+96.90 R 2

HMA SC "D" N70 1 1/2"
P LEV BIND MM N50 3/4"
HMA BASE CSE 9 1/4"

WIDENING AND RESURFACING LIMIT STA. 20+13.11

SEE IL RTE 53 SHEET PP-14

N

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
PLAN NAMES CHKED
ROD FILE NAME

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
GRADES CHECKED
R.M. NOTED
PROFILES CHKED

WIDENING AND RESURFACING LIMITS STA. 11+00.82

E = 0.61′
K = 46
150.00′ V.C.

E = 0.13′
K = 100
100.00′ V.C.

E = 0.42′
K = 43
120.00′ V.C.

+25.00 EL. 720.36

721.03

+75.00 EL. 718.67

+50.00 EL. 719.05

+50.00 EL. 720.05

VPI STA. 14+99.99
ELEVATION 720.80

+15.00 EL. 720.47

+35.00 EL. 720.35

725.27

PROP. PGL

EXIST. GRADE AT ℄

12″ PGE SUBGRADE

WIDENING AND RESURFACING LIMIT STA. 20+13.11

-2.75%
+0.50%
+1.50%
+0.50%
+1.50%
-1.50%
-1.50%
+1.30%

VPI STA. 12+00.00
ELEVATION 718.30

PGE SUBGRADE 6″ @ STA. 13+00

VPI STA. 13+00.00
ELEVATION 719.30

EQUATION:
BK 15+06.94=
AH 15+00.0000

STA. 14+50

VPI STA. 15+75.00
ELEVATION 719.57

720.70
720.70
15+00

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

POROUS GRANULAR EMBANKMENT, SUBGRADE

	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00
EXIST.	729.87	728.92	728.35	726.55	725.13	723.07	720.97	719.73	718.70	718.53	718.77	719.21	719.64	720.24	720.84	720.43	721.04	721.29	721.75	721.96	722.73	723.03	723.94	724.24	725.21	725.48	726.37	726.74	727.62
PROP.					719.74				718.91	718.62	718.80	719.05	719.43	720.05	720.80	720.09	720.04	720.54	721.19	721.84	722.50	723.15	723.80	724.45	725.10				

PATRICK ENGINEERING INC.
4970 VARSITY DRIVE
LISLE, IL 60532
patrickengineering.com

USER NAME = ckersten(Lisle_R)	DESIGNED - EJB	REVISED - 03/11/2011	
PLOT CONFIG= PDF(Grey_Large).plt	DRAWN - TCK	REVISED -	
PLOT SCALE = 1:50	CHECKED - DTH	REVISED -	
PLOT DATE = 3/8/2011 10:14:09 AM	DATE - 12/3/2010	REVISED -	

Illinois Department of Transportation

PLAN AND PROFILE
THORNDALE AVE

SCALE: 1″=50′ | SHEET NO. PP-24 OF 25 | STA. 9+50 | TO STA. 20+12

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	105
		CONTRACT NO. 60477		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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