STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO.: 32646

DRAWN BY	CJD	4-10-02
CHECKED BY	SEK	4-10-02
APPROVED BY	TDB	4-10-02

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	3277R	COOK	570	116
STA. 51+175		TO STA. 51+332.57		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

	DATE	BY
FINAL SURVEY	SURVEYED	
	PLOTTED	
NOTE BOUNDARY AREAS	TEMPLATE	
	AREAS CHECKED	
NO.		

RECONSTRUCTION | WIDENING & RESURFACING

+186.6 | +188.38 | +191.34 10.91 m LT | +191.34 8.84 m LT | +208.1 | +216.6

PROPOSED R.O.W.

MATCH LINE STA 51+175

5.75 m | 8.05 m

+175.74 8.00 m RT

51+200 | WEST | 51+250 | AVENUE | 51+300

PROP. ~

+251.30 (CE) BIT.

+248.67 19.12 m LT | 5.2 m | +253.94 19.12 m LT

R=3.0 m (TYP.)

CONC. CURB TY B (TYP.)

EXISTING R.O.W.

COMB. CONC. C & G, TY B-15.60 (TYP.)

END IMPROVEMENT STATION 51+332.57

B-36B

5.40 m | 6.75 m

STA. 1+201.61

BEGIN IMPROVEMENT 13.55m RT

158th ST.

EXISTING R.O.W.

4.0 | 3 | +259.35 (CE) BIT. | 4.0 | 3 | +259.4 (CA) BIT.

LEGEND:
- DRIVEWAY TO BE CLOSED
- TREE TO BE REPLACED
- TREE TO BE PROTECTED
- REMOVAL

LEGEND

B-43 — *BORING PERFORMED BY STS CONSULTANTS LTD. (FEB. 2002)*

B-43 — *BORING NO.*

N, Qp (kPa) B, 175 — *22.1, 200 WATER CONTENT (%), Qu (kPa)*

WATER LEVEL DURING DRILLING — *DELAYED WATER LEVEL*

DRY — *NOTE: DRY INDICATED IF GROUNDWATER NOT ENCOUNTERED*

NOTE:
THE STRATA LINES SHOWN ARE INTERPOLATED FROM DATA OBTAINED AT BORING LOCATIONS. ACTUAL SOIL CONDITIONS IN-SITU MAY VARY.

30.000 m V.C.
ex = 0.025
K = 45
R

+260.000 EL. 184.163 | +290.000 EL. 184.136

0 | 12.5 | 25
HORIZONTAL SCALE IN METERS

0 | 1 | 2
VERTICAL SCALE IN METERS

STA. 51+332.57
EL. 184.240

RECONSTRUCTION | WIDENING & RESURFACING

EXISTING GRADE LINE

PROPOSED GRADE LINE

ELEV.=184.13m
OFFSET=4.27m LEFT
B-36B

-0.423% | +0.243%

VPI STA. 51+275.000
ELEVATION 184.100

MEDIUM DENSE, GRAY CRUSHED LIMESTONE

STIFF TO HARD, BROWN TO GRAY CLAY

HARD, BROWN TO GRAY CLAY

APPROXIMATE LIMITS OF SUBSURFACE EXPLORATION

DRY

19, –	*4.7*	
11, 430+	*19.3, 170 B*	
4, –	*21.5, 200 B*	
14, –	*18.0*	
24, 100	*21.9*	
26, 430+	*10.5*	
38, 430+	*11.2*	

184.0 | 183.0 | 182.0 | 181.0

EXIST. GRADE ELEV. / PROP. GRADE ELEV.

184.563 184.523 | 184.424 184.470 | 184.416 184.417 | 184.319 184.364 | 184.302 184.311 | 184.253 184.258 | 184.204 184.205 | 184.138 184.153 | 184.072 184.125 | 184.088 184.131 | 184.127 184.161 | 184.190 184.191 | 184.255 184.222 | 184.24 184.240

51+175.0 | 51+187.5 | 51+200.0 | 51+212.5 | 51+225.0 | 51+237.5 | 51+250.0 | 51+262.5 | 51+275.0 | 51+287.5 | 51+300.0 | 51+312.5 | 51+325.0 | 51+332.57

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
WEST AVENUE
PLAN AND PROFILE
STA. 51+175 TO STA. 51+332.57

DRAWN BY VAP
DATE 12/20/00 CHECKED BY JRP

	DATE	BY
ORIGINAL SURVEY	SURVEYED	
	PLOTTED	
NOTE BOUNDARY AREAS	TEMPLATE	
	AREAS CHECKED	
NO.		

X:\PROJECTS\32646\PROFILES\
51+175_51+332.57.dwg
04/10/2002 15:37