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	541	239
STA. 1+150		TO STA. 1+300		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

HOYNE AVE.

END IMPROVEMENT
24.80 m LT

W.W. HOLT
FUNERAL HOME

C

7.4 m

+180.93
22.86 m LT

TEMP. CONSTR.
EASEMENT
2 m X 24 m

R=9.0 m
(TYP.)

+152.58

+150.34
15.15 m LT

+172.23
11.55 m LT

+190.59
14.94 m LT

STA. 1+190.778

+206

+233.30

+238.77 (CE)
CONC.

TEMP. CONSTR.
EASEMENT
7 m X 11 m

+235.18
11.85 m LT

SIGN

7.2

+242.38
11.85 m LT

EXISTING R.O.W.

+276

+297.0

320 mm

80 mm

100 mm

CONC. CURB, TY B (TYP.)

R=3.0 m
(TYP.)

+199.29
8.25 m LT

76°51'15"

MATCH LINE STA 1+150

U.S. ROUTE 6

(159th STREET)

P.I. STA 1+263.569

1+150

1+200

1+250

15.24

8.25

PROP ~

687'-6.01"

2.1 m
(TYP.)

10.06

10.5

+153.23
11.85 m RT

+163.73
11.85 m RT

R=2.0 m
(TYP.)

R=3.0 m
(TYP.)

+158.47 (CE)
CONC.

CONC. CURB
TY. B (TYP.)

P.C. CONC. SIDEWALK,
1.5 m (TYP.)

PROPOSED R.O.W.

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

EXISTING R.O.W.

130 mm
200 mm

+300.00
15.24 m RT

MATCH LINE STA 1+300

N

1

LEGEND:

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

Shell
Gas Station

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

0 12.5 25
HORIZONTAL SCALE IN METERS

0 1 2
VERTICAL SCALE IN METERS

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

0+190.778 HOYNE AVE

VPI STA. 1+207.000
ELEVATION 186.194

PROPOSED GRADE LINE

ASPHALT (76mm)

CONCRETE SLAB

GRAVEL BASE COURSE

+0.300% -0.300%

0+192.000
EL. 186.178

0+222.000
EL 186.149

2560'
30.000 = V.C.
ex = -0.022
K = 150

EXISTING GRADE LINE

VERY STIFF TO HARD, BROWN TO GRAY CLAY

APPROXIMATE LIMITS OF SUBSURFACE EXPLORATION

MEDIUM DENSE, GRAY SILTY LOAM

	186.0	185.0	184.0	183.0
EXIST. GRADE ELEV.	185.723	185.737	185.749	185.731
PROP. GRADE ELEV.	186.023	186.060	186.098	186.135
	185.712	185.722	185.733	185.747
	186.167	186.168	186.140	186.102
	185.761	185.792		
	186.065	186.028		
	185.824	185.849	185.872	
	185.990	185.953	185.915	
	1+150.0	1+162.5	1+175.0	1+187.5
	1+200.0	1+212.5	1+225.0	1+237.5
	1+250.0	1+262.5	1+275.0	1+287.5
			1+300.0	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1

PLAN AND PROFILE
STA. 1+150 TO STA. 1+300

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

X:\PROJECTS\32646\PROFILES\
Plotted: 04/09/2002 22:04