F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 66375

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

SO-DEEP Inc.

The Subsurface Utility Engineering Company
8397 Euclid Avenue
Manassas Park, VA 20111
(703) 361-6005

So-Deep Test Hole Certification Form

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Control # **SILA166**
Test Hole # **11**
Plan Scale **1"=20'**
Sheet # **5**
Proposed **GRADE CHANGE**
Date **OCTOBER 12, 2006**

City, County, State **LIVINGSTON CO., IL**
Gen. Loc. **NE CORNER OF IL-116 & MAPLE ST.**
Recorded Size/Material/Type **1" X 1" GAS LINE "TEE"**
Foreman/Truck #/Form By **G. ALLISON / 221 / G. ALLISON**

Condition of paving prior to work
ASP. RDWY IN POOR CONDITION

B.M. 1 Elev. = **682.76'**
is **CALCULATED**
Description: **(TBM 6) CHIS "X" SET ON TOP N MOST BONNET BOLT OF F.H., 29'± LT OF CL STA 175+01±, IL-116**

B.M. 2 Elev. = **680.48'**
is **CALCULATED**
Description: **(TBM 7) CHIS "X" SET ON TOP N MOST BONNET BOLT OF F.H., 31'± LT OF CL STA 176+79±, IL-116**

SO-DEEP will attempt to use the BM/HI most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.

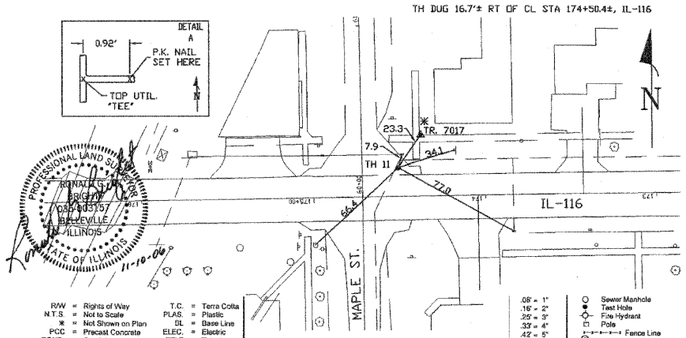
Benchmarks check **BY 0.01'**
Elevations are referenced to **B.M.#1**

Recorded Size/Type of utility **WAS FOUND**
There **WERE NOT** additional utilities in the test hole
The utility **WAS** in good condition.
Paving Thickness and type **12" ASPHALT**
Color of ribbon installed **YELLOW**
Soil Type **MOIST BROWN**
Field Condition **ASP. RDWY.**
T.H. tied to **P.K. NAIL**

1 1/2" X 1 1/2" COATED STL. WELDED "TEE"
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE

Existing Grade of **ASP. RDWY.**
Survey Mark **P.K. NAIL** (set by SO-DEEP) — Elev **.680.75'**
Facing
SEE DETAIL A
Width ±
3.25' — Actual field measurement by ruler (not calculated)
Surveyed Elev. **677.48'** Top Util/Struc.
Surveyed Elev. Bott. Util/Struc. (if required)



R/W = Rights of Way
N.T.S. = Not to Scale
* = Not Shown on Plan
PCC = Precast Concrete
COND. = Conduit
CONC. = Concrete
O.D. = Outside Diameter
C.I. = Cast Iron
D.I. = Ductile Iron
RPC = Rough Pour Concrete
CL = Centerline
T.C. = Terra Cotta
PLAS. = Plastic
BL = Base Line
ELEC. = Electric
TELE = Telephone
T.H. = Test Hole
SW = Sidewalk
DW = Driveway
BM = Benchmark
C.B. = Catch Basin
GV = Gas Valve

.08' = 1"
.16' = 2"
.25' = 3"
.33' = 4"
.42' = 5"
.50' = 6"
.58' = 7"
.67' = 8"
.75' = 9"
.83' = 10"
.92' = 11"

Sewer Manhole
Test Hole
Fire Hydrant
Pole
Fence Line
Electric Manhole
T.S. = Traverse Station
Valve
Water Meter
Telephone Manhole
Telephone Pedestal

Performing out-of-sight work...with vision!™

Note: To Eliminate mistakes and check this work, So-Deep suggests you scale and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

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So-Deep Test Hole Certification Form

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Control # **SILA166**
Test Hole # **12**
Plan Scale **1"=20'**
Sheet # **5**
Proposed **STORM CROSSING**
Date **OCTOBER 30, 2006**

City, County, State **LIVINGSTON CO., IL**
Gen. Loc. **SW CORNER MAPLE ST. & IL-116**
Recorded Size/Material/Type **6" PLASTIC WATER LINE**
Foreman/Truck #/Form By **J. HENRY / 221 / J. HENRY**

Condition of paving prior to work
ASP. RDWY IN GOOD CONDITION

B.M. 1 Elev. = **682.76'**
is **CALCULATED**
Description: **(TBM 6) CHIS "X" SET ON TOP N MOST BONNET BOLT OF F.H., 29'± LT OF CL STA 175+01±, IL-116**

B.M. 2 Elev. = **680.48'**
is **CALCULATED**
Description: **(TBM 7) CHIS "X" SET ON TOP N MOST BONNET BOLT OF F.H., 31'± LT OF CL STA 176+79±, IL-116**

SO-DEEP will attempt to use the BM/HI most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.

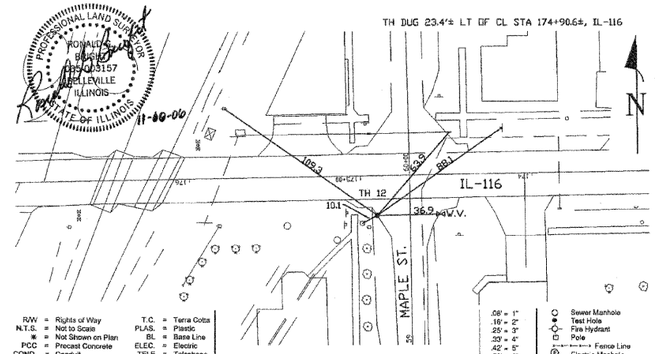
Benchmarks check **BY 0.00'**
Elevations are referenced to **B.M.#1**

Recorded Size/Type of utility **WAS FOUND**
There **WERE NOT** additional utilities in the test hole.
The utility **WAS** in good condition.
Paving Thickness and type **5" ASPHALT**
Color of ribbon installed **BLUE**
Soil Type **MOIST BROWN**
Field Condition **ASP. SHLDR.**
T.H. tied to **P.K. NAIL**

6 3/4" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE

Existing Grade of **ASP. SHLDR.**
Survey Mark **P.K. NAIL** (set by SO-DEEP) — Elev **.680.81'**
Facing **EAST**
Width ±
5.28' — Actual field measurement by ruler (not calculated)
Surveyed Elev. **675.51'** Top Util/Struc.
Surveyed Elev. Bott. Util/Struc. (if required)



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Sewer Manhole
Test Hole
Fire Hydrant
Pole
Fence Line
Electric Manhole
T.S. = Traverse Station
Valve
Water Meter
Telephone Manhole
Telephone Pedestal

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(703) 361-6005

So-Deep Test Hole Certification Form

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Control # **SILA166**
Test Hole # **13**
Plan Scale **1"=20'**
Sheet # **5**
Proposed **STORM CROSSING**
Date **OCTOBER 11, 2006**

City, County, State **LIVINGSTON CO., IL**
Gen. Loc. **MAPLE ST., 220'± S OF IL-116**
Recorded Size/Material/Type **UNK. SIZE CATV CABLE**
Foreman/Truck #/Form By **G. ALLISON / 221 / G. ALLISON**

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = **685.04'**
is **CALCULATED**
Description: **(TBM 4) CHIS "X" SET ON TOP N MOST BONNET BOLT OF F.H., 29'± LT OF CL STA 170+34±, IL-116**

B.M. 2 Elev. = **682.76'**
is **CALCULATED**
Description: **(TBM 6) CHIS "X" SET ON TOP N MOST BONNET BOLT OF F.H., 29'± LT OF CL STA 175+01±, IL-116**

SO-DEEP will attempt to use the BM/HI most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.

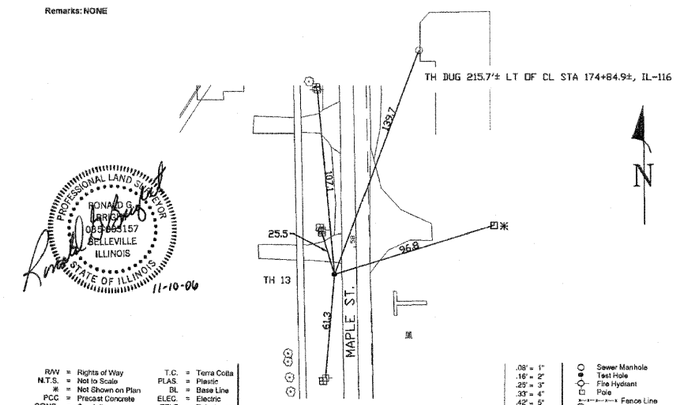
Benchmarks check **BY 0.00'**
Elevations are referenced to **B.M.#1**

Recorded Size/Type of utility **WAS FOUND**
There **WERE NOT** additional utilities in the test hole
The utility **WAS** in good condition.
Paving Thickness and type **NO PAVING**
Color of ribbon installed **ORANGE**
Soil Type **MOIST BROWN**
Field Condition **GRASS R/W**
T.H. tied to **PEG**

(1) 3/4" CATV CABLE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE

Existing Grade of **GRASS R/W**
Survey Mark **PEG** (set by SO-DEEP) — Elev **.678.17'**
Facing **NORTH**
Width ±
1.21' — Actual field measurement by ruler (not calculated)
Surveyed Elev. **676.96'** Top Util/Struc.
Surveyed Elev. Bott. Util/Struc. (if required)



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEST HOLES

FAP 681 (IL RTE. 116)
SECTION (115)RS-1
LIVINGSTON COUNTY
VILLAGE OF CULLOM

SCALE: VERT. HORIZ.
DATE: 3/1/07
DRAWN BY: LANDREY
DESIGNED BY:
CHECKED BY: BOTT

GREENE & BRADFORD, INC. OF SPRINGFIELD
CONSULTING ENGINEERS
300 CENTENNIAL DRIVE
SPRINGFIELD, ILLINOIS 62707
PROFESSIONAL DESIGN FIRM IDL-184-000879
PROFESSIONAL DESIGN FIRM ILL. STRUCTURAL ENGINEERING CORPORATION
(217) 793-3884 (217) 793-4217 (FAX) E-MAIL: LANDREY@GREENEANDBRADFORD.COM

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