

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	GRUNDY	85	1

* (111 CS)W&RS-2, I

+ 17
102 TOTAL SHEETS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS, & LEGEND
- 3-7 SUMMARY OF QUANTITIES
- 8-12 SCHEDULE OF QUANTITIES
- 13-14 TYPICAL SECTIONS
- 15 ALIGNMENT, TIES, AND BENCHMARKS
- 16-17 REMOVAL PLANS
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- 31-35 INTERSECTION DETAILS
- 36-38 PAVEMENT MARKING PLANS
- 39-52 TRAFFIC SIGNAL PLANS
- 53-63 DISTRICT DETAILS
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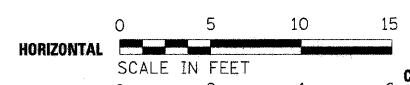
85A-85P SUBSURFACE UTILITY TEST HOLES

HIGHWAY STANDARDS

000001-05	701301-02	876001
001006	701311-02	877001-03
280001-04	701602-03	877011-03
424001-05	701606-05	878001-06
442201-03	701701-05	880001
602301-01	701801-03	880006
602306-01	701901	886001
602401-01	720001	886006
602406-02	720006-01	BLR 17-3
602601-01	720016-01	
602701-01	729001	
604001-02	780001-01	
604006-02	781001-02	
604041-01	805001	
606001-03	814001-01	
606301-03	814006-01	
666001	857001	
701101-01	862001	
701106-01	873001-01	



PLAN & PROFILE, REMOVAL SHEETS, INTERSECTION DETAILS



CROSS SECTIONS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

MICROFILMED _____
 REEL NUMBER _____
 AWARDED _____
 RESIDENT ENGINEER _____
 AS BUILT CHANGES WERE MADE
 ON THE FOLLOWING SHEETS _____

JULIE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

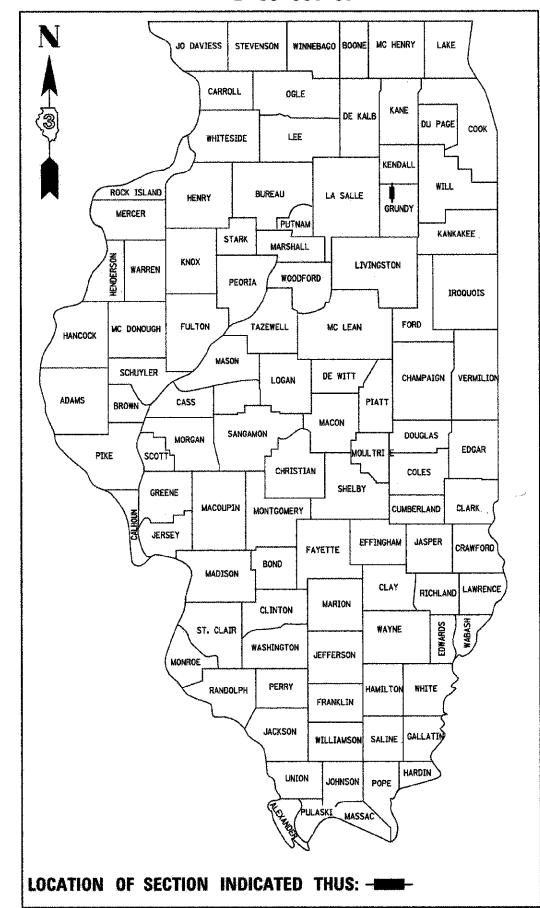
PROJECT ENGINEER: DAVID BROVIAK
 UNIT CHIEF: MARK JONES
 TOWNSHIP: MORRIS

CONTRACT NO. 66720

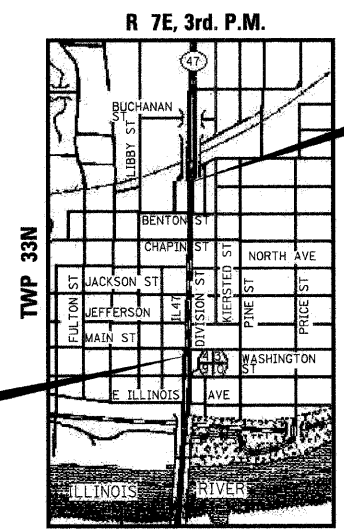
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAP 326 (IL 47)
SECTION (111 CS)W&RS-2, I
PROJECT HSIP F.0326(070)
GRUNDY COUNTY

C - 93 - 071 - 07

ADD BI-DIRECTIONAL LANE, W&RS, TRAFFIC SIGNALS, C&G
FROM BENTON STREET TO MAIN STREET IN MORRIS



LOCATION OF SECTION INDICATED THUS: —



PROJECT BEGINS
STA. 10 + 56.34

PROJECT ENDS
STA. 31 + 10.00

LOCATION MAP NOT TO SCALE

GROSS LENGTH = 2053.66 FT. = .389 MI.
 NET LENGTH = 2053.66 FT. = .389 MI.

REVISD 9/2/08



SEAL

PREPARED BY:
 LIN ENGINEERING, LTD.
 CHATHAM, ILLINOIS 62629
 (217) 483-4168

Fred Lin

FRED M. LIN, P.E.
 ILLINOIS REGISTERED ENGINEER NO. 062-056704
 REGISTRATION EXPIRES NOV. 30, 2009

OTHER PRINCIPAL ARTERIAL
FUNCTION CLASSIFICATION

2012 ADT = 30600
 P.V. = 92.6% S.U. = 3.3% M.U. = 4.1%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED _____ 20 _____

Debra Ryan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 21, 2008
Eric E. Harrel
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 2008
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

DATE-TIME
DDN-SPEC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(1111CS) W&RS-21	GRUNDY	85	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

90% FED
10% STATE
HSIP URBAN F

L53
HSIP
90% FED L20
10% STATE F
URBAN

FAP 326 (IL ROUTE 47)				CONSTRUCTION TYPE CODE		
SUMMARY OF QUANTITIES				RWY	TS	STP
CODE NO.	ITEM	UNIT	TOTAL	I000-2A	Y031-1F	STP 8/20 FED STATE I000-2A
2010200 20200100	TREE ROOT PRUNING EARTH EXCAVATION	EACH CU YD	8 1960.6	8 1960.6		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	20		
20800150	TRENCH BACKFILL	CU YD	955	955		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	990.2	990.2		
25100630	EROSION CONTROL BLANKET	SO YD	248.0	248.0		
25200110	SODDING, SALT TOLERANT	SO YD	1149.1	1149.1		
25200200	SUPPLEMENTAL WATERING	UNIT	51.7	51.7		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	400	400		
28000400	PERIMETER EROSION BARRIER	FOOT	758.6	758.6		
28000500	INLET AND PIPE PROTECTION	EACH	20	20		
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SO YD	3011.9			3011.9
35600800	HOT-MIX ASPHALT BASE COURSE WIDENING, VARIABLE DEPTH	TON	1868.6			1868.6
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	450	450		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4092.3			4092.3
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	889.8			889.8
40600895	CONSTRUCTING TEST STRIP	EACH	1			1
40600990	TEMPORARY RAMP	SO YD	1233			1233

FAP 326 (IL ROUTE 47)				CONSTRUCTION TYPE CODE		
SUMMARY OF QUANTITIES				RWY	TS	STP
CODE NO.	ITEM	UNIT	TOTAL	I000-2A	Y031-1F	STP 90/20 FED/ST I000-2A
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	1201			1201
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	324.4			324.4
42001300	PROTECTIVE COAT	SO YD	19690.3	19690.3		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	30.3			30.3
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	394.2			394.2
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	14557	14557		
42400420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SO FT	2374.1	2374.1		
42400800	DETECTABLE WARNINGS	SO FT	434	434		
44000100	PAVEMENT REMOVAL	SO YD	198.6			198.6
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	15459.3			15459.3
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	561			561
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4383.1			4383.1
44000600	SIDEWALK REMOVAL	SO FT	11884.1	11884.1		
44002805	ISLAND REMOVAL	SO FT	493.4			493.4
44003100	MEDIAN REMOVAL	SO FT	992.2			992.2
44200276	PAVEMENT PATCHING, TYPE II	SO YD	737.0			737.0
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3604.4			3604.4

27 MAR 08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 47
GRUNDY COUNTY

SCALE: NONE
DATE: 09/2007

DRAWN BY: KHH
CHECKED BY: FML

REVISD 9-2-08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

HSIP
90% FED
10% STATE
URBAN

HSIP
URBAN
90% FED
10% STATE
F

FAP 326 (IL ROUTE 47)				CONSTRUCTION TYPE CODE	
SUMMARY OF QUANTITIES				RWY	TS
CODE NO.	ITEM	UNIT	TOTAL	I000-2A	Y031-1F
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	173.0	173.0	
54248510	CONCRETE COLLAR	CU YD	13.9	13.9	▲
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	592	592	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	514	514	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	961	961	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	122.6	122.6	
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	100.0	100.0	
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	122.5	122.5	
55100500	STORM SEWER REMOVAL 12"	FOOT	538	538	
55100700	STORM SEWER REMOVAL 15"	FOOT	615	615	
55100900	STORM SEWER REMOVAL 18"	FOOT	483	483	
55101100	STORM SEWER REMOVAL 21"	FOOT	414	414	
55101200	STORM SEWER REMOVAL 24"	FOOT	181	181	
56106400	ADJUSTING WATER MAIN 8"	FOOT	75	75	
56109300	WATER VALVES TO BE MOVED	EACH	6	6	
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	8	8	
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	6	6	
*56106200	ADJUSTING WATER MAIN 4"	FOOT	90	90	
*56106300	ADJUSTING WATER MAIN 6"	FOOT	30	30	
42400610	TEMPORARY SIDEWALK	SGFT	5,800	5,800	
56300300	ADJUSTING WATER SERVICE LINE	FOOT	60	60	
X0322662	TEMPORARY SIGNING	EACH	10	10	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	511	511	
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	7	7	
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2	
6022210	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1	
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	2	2	
XX006288	DRAINAGE STRUCTURES, TYPE 3 (MODIFIED)	EACH	1	1	

FAP 326 (IL ROUTE 47)				CONSTRUCTION TYPE CODE		
SUMMARY OF QUANTITIES				RWY	TS	STP
CODE NO.	ITEM	UNIT	TOTAL	I000-2A	Y031-1F	8020 FED STATE I000-2A
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9		
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3	3		
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	15	15		
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	18	18		
60405740	FRAMES AND GRATES TO BE REMOVED	EACH	25	25		
60500040	REMOVING MANHOLES	EACH	11	11		
60500060	REMOVING INLETS	EACH	25	25		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3974.6			3974.6
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	106.4			106.4
60625800	ISLAND PAVEMENT (SPECIAL)	SO YD	40.5			40.5
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	120	120		
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1		
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
67100100	MOBILIZATION	L SUM	1	1		

27 MAR 08



▲ REVISED 9-2-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 47
GRUNDY COUNTY

SCALE: NONE
DATE: 09/2007

DRAWN BY: KHH
CHECKED BY: FML

HSIP
90% FED
10% STATE
URBAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	RUNDY	85	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FAP 326 (IL ROUTE 47)				CONSTRUCTION TYPE CODE		
SUMMARY OF QUANTITIES				RWY	TS	TS
CODE NO.	ITEM	UNIT	TOTAL	I000-2A	Y031-1F	●
X0355800	STORM SEWER WATER MAIN 24"	FOOT	68	68		
X0930400	STORM SEWER WATER MAIN 12"	FOOT	303	303	▲	
* X8710020	FIBER OPTIC IN CONDUIT, NO 62.5/125 MM12F SM12F	FOOT	5220		5220	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
* XX002852	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1	
XX005565	REMOVE AND RESET BRICK PAVERS	SQ FT	289.9	289.9		
* XX006661	UNINTERRUPTABLE POWER SUPPLY	EACH	3		3	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	405.6	405.6		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4149.2	4149.2		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4310.6	4310.6		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	826.3	826.3		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	657.2	657.2		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	458.4	458.4		
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	797	797		
X0930500	STORM SEWER WATER MAIN 18"	FOOT	40	40	▲	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	309	309		
* X0325961	TRACER CABLE NO. 14 1/C	FOOT	5220		5220	
* ● 88700200	LIGHT DETECTOR	EACH	8			8
* ● 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2			2
* ● X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	3812			3812

● NON-PARTICIPATING ITEMS - CITY OF MORRIS PAYS 100% Y031-3D

* SPECIALTY ITEM

▲ REVISED 9-3-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL ROUTE 47
GRUNDY COUNTY

SCALE: NONE
DATE: 09/2007

DRAWN BY: KHH
CHECKED BY: FML

27 MAR 08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	9

STA.	TO STA.

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

40603570 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90			
LOCATION		QUANTITY	
ALIGNMENT	STATION TO STATION	TONS	
IL 47	10+56.3 31+10.0	1145	
BENTON	10+00.0 11+34.2	56	
TOTAL		1201	

40800050 INCIDENTAL HOT MIX ASPHALT SURFACING		
ALIGNMENT	OFFSET OF MAINLINE	TON
MAIN	EAST	15.3
	WEST	23.8
JEFFERSON	EAST	22.8
	WEST	27.2
JACKSON	EAST	25.4
	WEST	18.8
NORTH	EAST	38.5
	WEST	41.8
CHAPIN	EAST	22.3
	WEST	28.2
BENTON	WEST	60.3
	TOTAL	324.4

42001300 PROTECTIVE COAT		QUANTITY
ITEM		SQ. YD.
COMBINATION CONCRETE CURB & GUTTER		1118.2
HOT MIX ASPHALT RESURFACING		16616.1
PCC DRIVEWAY PAVEMENT		393.6
PCC SIDEWALK & RAMPS		1521.9
ISLAND PAVEMENT		40.5
TOTAL		19690.3

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH		
LOCATION	QUANTITY	
STATION	OFFSET	SQ. YD.
13+28.54	RT	30.3
TOTAL		30.3

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		
LOCATION	QUANTITY	
STATION	OFFSET	SQ. YD.
12+20.97	LT	27.9
12+60.10	RT	37.9
12+69.88	LT	42.4
12+97.76	LT	46.3
16+04.99	LT	33.8
19+35.93	LT	18.2
22+29.62	RT	40.8
22+59.07	LT	26.7
22+59.94	RT	28.5
25+99.24	RT	51.3
WEST	RT	7.4
JEFFERSON	LT	2.0
WEST	LT	30.9
JEFFERSON	LT	30.9
JEFFERSON	LT	30.9
JEFFERSON	LT	30.9
TOTAL		394.2

42400100 PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH			
LOCATION	QUANTITY		
STATION TO STATION	OFFSET	SQ. FT.	
11+86.5 12+42.5	RT	290.4	
11+88.7 12+05.2	LT	70.2	
12+38.0 12+62.3	LT	97.6	
12+77.7 13+14.5	RT	178.9	
12+77.4 12+88.0	LT	29.0	
13+07.5 14+14.8	LT	617.9	
13+42.5 14+17.5	RT	452.1	
14+59.7 15+95.6	LT	770.5	
14+59.6 15+23.3	RT	442.0	
16+12.1 17+50.3	LT	787.4	
17+20.6 17+55.2	RT	255.4	
17+97.8 18+34.5	RT	140.0	
17+95.3 19+29.4	LT	744.3	
19+42.4 20+78.0	LT	817.2	
19+74.7 20+74.3	RT	687.2	
21+18.6 22+53.6	LT	787.7	
21+25.9 22+17.2	RT	570.5	
22+42.0 22+54.3	RT	36.2	
22+64.5 24+02.9	LT	774.1	
22+65.0 24+07.8	RT	763.4	
24+54.6 24+66.9	LT	98.0	
24+48.8 25+81.0	RT	754.8	
26+17.5 27+35.7	RT	766.7	
27+02.3 27+42.2	LT	377.8	
28+01.0 30+93.7	LT	1561.7	
28+01.9 30+93.7	RT	1686.4	
TOTAL		14557.4	

42400420 PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SPECIAL			
LOCATION	QUANTITY		
STATION TO STATION	OFFSET	SQ. FT.	
16+12.38 17+41.20	LT	773.9	
21+24.77 22+53.61	LT	811.8	
22+65.74 23+97.50	RT	788.4	
TOTAL		2374.1	

44000200 DRIVEWAY PAVEMENT REMOVAL		
LOCATION	QUANTITY	
STATION	OFFSET	SQ. YD.
12+20.97	LT	31.3
12+60.10	RT	40.7
12+69.88	LT	41.4
12+97.76	LT	49.9
13+28.54	RT	38.4
16+04.99	LT	42.7
19+35.93	LT	25.9
21+73.37	RT	50.3
22+29.62	RT	69.6
22+59.07	LT	27.3
22+59.94	RT	30.2
25+99.24	RT	73.6
WEST	RT	6.8
JEFFERSON	LT	1.7
WEST	LT	31.2
JEFFERSON	LT	31.2
JEFFERSON	LT	31.2
TOTAL		561.0

42400800 DETECTABLE WARNINGS		
INTERSECTION	CORNER	SQ. FT.
JEFFERSON	SW	20
JEFFERSON	SE	20
JEFFERSON	NE	20
JEFFERSON	NW	20
JACKSON	SW	20
JACKSON	NW	20
JACKSON	SE	20
JACKSON	NE	20
NORTH	SW	20
NORTH	SE	20
NORTH	NE	20
NORTH	NW	20
CHAPIN	SW	20
CHAPIN	SE	20
CHAPIN	NE	20
CHAPIN	NW	20
BENTON	SW	14.2
BENTON	SE	12.0
BENTON	NE	11.3
BENTON	NW	10.1
BENTON	W. ISLAND	32.8
BENTON	E. ISLAND	33.7
TOTAL		434.1

44000100 PAVEMENT REMOVAL			
LOCATION	QUANTITY		
STATION TO STATION	OFFSET	SQ. YD.	
13+08 14+00	LT	35.1	
14+73 17+37	LT	102.7	
NW QUAD. OF JACKSON ST.		60.8	
TOTAL		198.6	

44000198 HMA SURFACE REMOVAL, VARIABLE DEPTH			
ALIGNMENT	STATION TO STATION	SQ. YD.	
IL 47	11+86.5 31+10.0	12756.2	
W. JEFFERSON	9+33.7 9+69.0	194.2	
E. JEFFERSON	10+00.0 10+58.8	162.8	
W. JACKSON	9+33.4 9+66.1	181.6	
E. JACKSON	10+00.0 10+50.2	134.0	
W. NORTH	9+19.8 9+68.6	274.8	
E. NORTH	10+00.0 10+92.5	298.5	
W. CHAPIN	9+37.8 9+70.0	201.6	
E. CHAPIN	10+00.0 10+59.0	159.3	
W. BENTON	9+20.0 9+70.0	431.0	
E. BENTON	10+00.0 11+34.2	665.2	
TOTAL		15459.3	

44000500 COMBINATION CURB AND GUTTER REMOVAL			
LOCATION	QUANTITY		
STATION TO STATION	OFFSET	FOOT	
11+88.7 14+16.7	LT	255.2	
11+87.9 14+19.4	RT	249.7	
14+58.1 17+57.7	RT	326.4	
14+57.1 17+52.7	LT	342.4	
17+92.9 20+77.8	LT	348.7	
17+92.9 20+85.2	RT	346.2	
21+18.0 24+04.5	LT	348.0	
24+50.4 27+43.2	LT	343.5	
24+47.0 27+47.7	RT	403.4	
WEST BENTON ISLAND	N/A	79.0	
EAST BENTON ISLAND	N/A	77.5	
28+20.7 31+10.0	CENTER MEDIAN	580.0	
27+97.4 31+10.0	RT	350.2	
27+98.5 31+10.0	LT	332.9	
TOTAL		4383.1	

44000600 SIDEWALK REMOVAL		
LOCATION	QUANTITY	
STATION TO STATION	OFFSET	SQ. FT.
11+88.7 11+94.7	LT	27.9
11+86.5 12+45.2	RT	334.9
12+36.0 12+62.3	LT	130.9
12+75.3 13+14.2	RT	148.5
12+76.1 12+89.6	LT	61.8
13+07.0 14+06.5	LT	448.0
13+39.8 14+08.8	RT	319.7
14+62.7 15+23.5	RT	275.0
14+68.0 15+98.0	LT	602.4
16+13.0 17+41.2	LT	596.8
18+05.0 19+29.2	LT	557.1
19+42.7 20+71.4	LT	601.0
19+74.7 20+75.7	RT	542.5
21+25.5 21+43.4	RT	157.6
21+24.0 22+52.3	LT	604.1
21+79.0 22+05.9	RT	105.5
22+43.7 22+53.7	RT	38.3
22+65.9 23+96.2	RT	573.3
22+64.2 23+99.3	LT	590.6
24+52.6 24+66.9	LT	150.1
24+62.0 25+81.2	RT	605.0
26+17.3 27+41.2	RT	735.8
27+01.5 27+42.3	LT	412.1
27+97.9 30+93.7	RT	1713.9
28+01.1 30+27.2	LT	1551.3
TOTAL		11884.1

44002805 ISLAND REMOVAL	
LOCATION	QUANTITY
	SQ. FT.
WEST BENTON ISLAND	241.0
EAST BENTON ISLAND	252.4
TOTAL	493.4

44003100 MEDIAN REMOVAL	
LOCATION	QUANTITY
STATION TO STATION	SQ. FT.
28+21.0 31+10.0	498.8
BENTON W. ISLAND	241.0
BENTON E. ISLAND	252.4
TOTAL	992.2

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT			
LOCATION	QUANTITY		
STATION TO STATION	OFFSET	FOOT	
11+87.4 14+18.7	LT	254.2	
11+86.5 14+21.3	RT	252.4	
14+56.1 15+74.2	RT	136.1	
14+55.7 17+54.5	LT	350.8	
17+91.1 20+79.8	LT	347.6	
19+74.9 20+81.8	RT	128.4	
21+16.5 24+06.1	LT	342.6	
21+15.3 24+10.6	RT	341.9	
24+48.8 27+45.1	LT	350.6	
24+45.2 27+49.7	RT	409.2	
27+96.5 31+10.0	LT	336.1	
29+95.3 31+10.0	RT	354.4	
TOTAL		3604.4	

44200276 PAVEMENT PATCHING, TYPE II		
LOCATION	QUANTITY	
STATION TO STATION	OFFSET	SQ. YD.
10+63.0 11+67.4	LEFT	87.91
13+96.4 14+03.5	LEFT	44.63
14+02.0 14+62.0	NONE	55.20
17+48.0 17+96.1	LEFT	50.73
18+15.2 18+22.6	NONE	42.49
20+74.9 21+23.8	LEFT	43.74
23+71.2 23+78.6	NONE	42.64
23+97.3 24+49.3	RIGHT	36.83
24+02.4 24+52.2	LEFT	36.75
26+30.4 26+37.0	NONE	39.80
27+14.2 27+28.5	NONE	55.18
27+33.9 27+95.4	RIGHT	53.63
28+21.3 28+28.4	NONE	68.64
29+21.7 29+28.0	NONE	36.48
30+21.2 30+28.5	NONE	42.29
TOTAL		736.94

42400410 PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH		
LOCATION	QUANTITY	
STATION TO STATION	OFFSET	SQ. FT.
10+90.83 BENTON ST.	28+84.87 IL 47	797
TOTAL		797

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES IL ROUTE 47 GRUNDY COUNTY

SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STORM SEWER														
FROM STRUCTURE NUMBER	TO STRUCTURE NUMBER	OFFSET	STORM SEWER, CLASS A,				STORM SEWER, WATER MAIN			CONCRETE COLLARS			TRENCH BACKFILL CU YD	CONTROLLED LOW-STRENGTH MATERIAL CU YD
			TYPE 1		TYPE 2		12	18	24	12	18	24		
			12 FOOT	12 FOOT	18 FOOT	24 FOOT								
63	59	RIGHT		97.4									23.0	
66	63	RIGHT	97.5										0.0	
59	57	RIGHT			34								7.9	
58	57	RIGHT											1.5	
57	61	RIGHT												
61	68	RIGHT												
68	EXISTING MANHOLE STA. 31+30	RIGHT												
SUBTOTALS			97.5	97.4	34	317.6	0	0	0	0	0	0	32.3744	0
TOTALS			510.9	592.3	513.6	960.5	303	40	67.1	8.4	2	3.5	954.9	253.0

INLETS				
LOCATION	STATION	OFFSET	TYPE A	TYPE B
			TYPE 3 FRAME AND GRATE EACH	TYPE 3 FRAME AND GRATE EACH TYPE 20 FRAME AND GRATE EACH
	12+41.00	LEFT		1
	12+41.50	RIGHT		1
	12+45.70	RIGHT		1
	14+88.10	RIGHT		1
	14+88.40	LEFT		1
	15+74.60	RIGHT	1	
	15+75.20	LEFT	1	
	16+30.20	RIGHT		1
	16+30.50	LEFT		3
	17+24.40	RIGHT	1	
	18+18.70	RIGHT	1	
	18+19.00	LEFT		1
	18+99.80	LEFT		1
	19+00.10	RIGHT	1	
	20+00.00	RIGHT	1	
	20+00.00	LEFT		1
	20+75.40	LEFT		1
	21+20.00	LEFT	1	
	22+46.70	LEFT		1
	22+50.00	RIGHT	1	
	23+00.00	LEFT		1
	23+00.00	RIGHT	1	
	24+00.70	LEFT		1
	24+54.10	LEFT	1	
	25+25.00	LEFT		1
	25+25.00	RIGHT	1	
	26+26.90	RIGHT	1	
	26+34.00	RIGHT		1
	27+96.40	RIGHT	1	
	29+25.00	RIGHT		1
	29+25.00	LEFT		1
	30+25.00	RIGHT	1	
	30+25.00	LEFT	1	
TOTALS			15	18

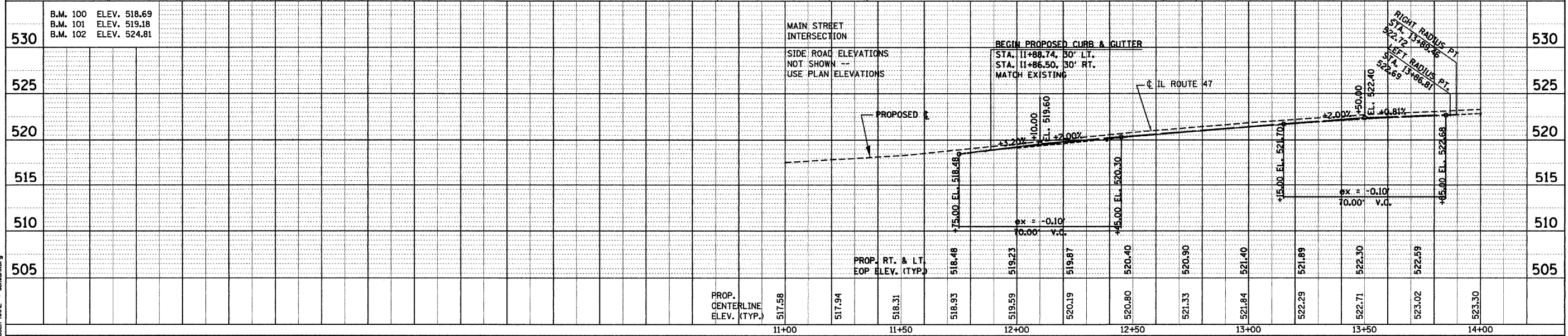
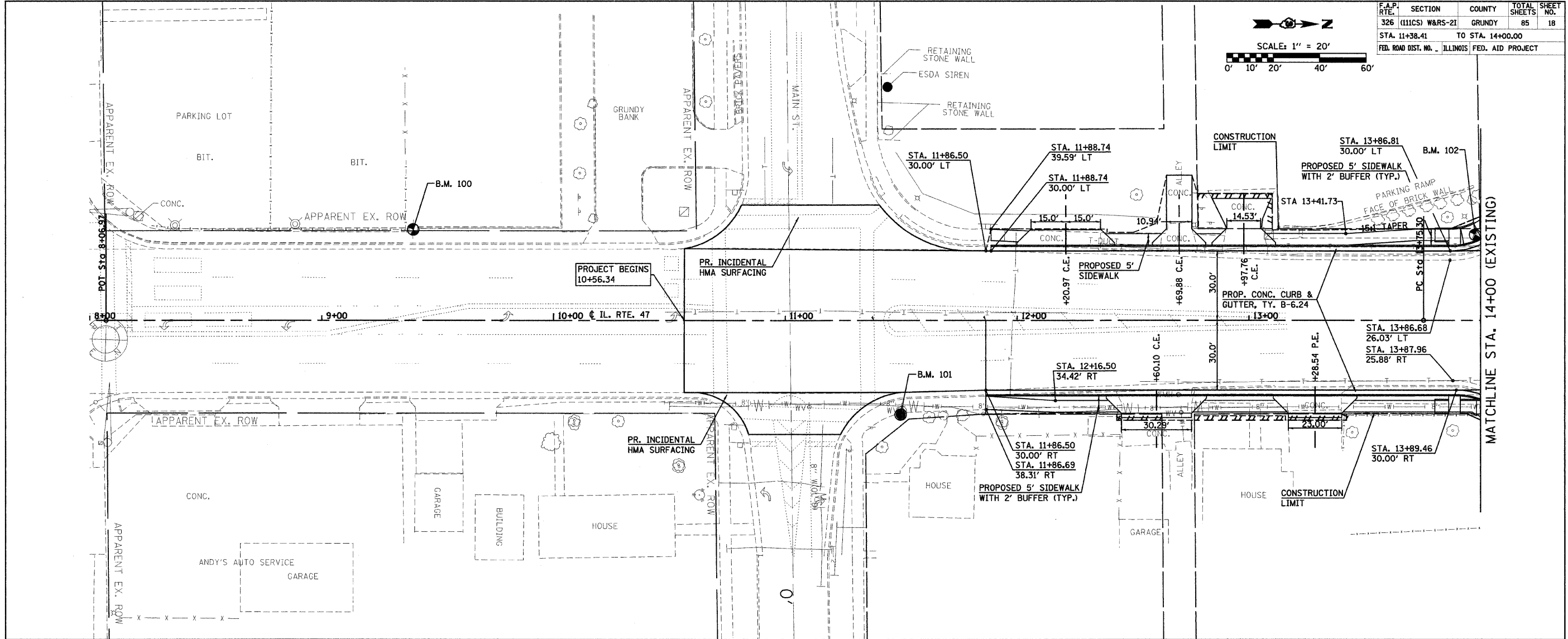
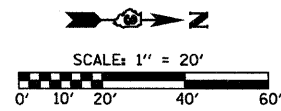
MANHOLE, TYPE A						
LOCATION	STATION	OFFSET	4' DIAMETER		5' DIAMETER	
			TYPE 1 FRAME, CLOSED LID EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 3 FRAME AND GRATE EACH
			TYPE 20 FRAME AND GRATE EACH	TYPE 20 FRAME AND GRATE EACH	TYPE 20 FRAME AND GRATE EACH	TYPE 20 FRAME AND GRATE EACH
	12+41.00	LEFT			1	
	14+11.40	LEFT				1
	14+88.40	LEFT	1			
	15+31.60	LEFT			1	
	15+75.30	LEFT			1	
	16+30.60	LEFT			1	
	17+43.92	LEFT				1
	18+01.20	LEFT			1	
	18+19.00	LEFT			1	
	18+99.80	LEFT	1			
	20+00.00	LEFT	1			
	20+65.20	LEFT	1			
	22+46.70	LEFT	1			
	23+00.00	LEFT	1			
	23+75.00	LEFT	1			
	26+23.60	LEFT		1		
	26+33.60	LEFT		1		
	28+05.90	RIGHT			1	
	28+25.00	RIGHT				1
	28+25.00	LEFT				1
	28+89.40	RIGHT			1	
	29+49.90	RIGHT			1	
TOTALS			7	2	9	3

55100500, 55100700, 55100900, 55101100, 55101200 STORM SEWER REMOVAL								
STATION	FROM	TO	OFFSET	FOOT				
				12"	15"	18"		
10+63	12+39	LEFT				175.7		
12+39	12+41	LEFT	5.2					
12+39	14+76	LEFT				237.7		
12+41	12+41	RIGHT	4.3					
14+57	14+76	LEFT	25.4					
14+76	14+88	LEFT	15.1					
14+76	16+21	LEFT			145.5			
16+21	16+30	LEFT	14.3					
16+21	18+19	LEFT			197.9			
17+51	17+98	LEFT	47.3					
17+98	18+19	LEFT	21.8					
18+04	18+19	NONE	74.3					
18+19	18+97	LEFT			78.8			
18+97	19+00	LEFT	9.0					
18+97	20+44	LEFT		146.1				
20+44	20+78	LEFT	41.8					
20+44	21+90	LEFT		146.6				
21+90	22+45	LEFT		57.0				
22+45	23+00	LEFT	55.1					
22+91	22+99	RIGHT	9.1					
26+25	26+33	LEFT	8.3					
26+27	26+35	RIGHT	7.9					
26+33	26+35	NONE	54.9					
26+35	28+07	RIGHT		177.3				
27+97	28+07	RIGHT	16.8					
28+07	28+89	RIGHT		87.7				
28+89	28+90	RIGHT	72.2					
28+89	29+50	RIGHT			60.5			
28+90	28+90	NONE	55.2					
29+50	31+30	RIGHT				180.1		
TOTAL				538.0	614.7	482.7	413.4	180.1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 IL ROUTE 47
 GRUNDY COUNTY
 SCALE: NONE
 DATE: 09/2007
 DRAWN BY: KKH
 CHECKED BY: FML

F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.	326 (111CS) W&RS-21 GRUNDY 85 18
STA. 11+38.41 TO STA. 14+00.00	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



530	B.M. 100 ELEV. 518.69 B.M. 101 ELEV. 519.18 B.M. 102 ELEV. 524.81
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PLAN

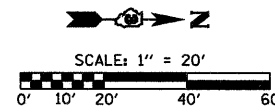
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BY	
CHECKED	
DESIGNED	
PLOTTED	
NOTE BOOK	
ALTERNATE	
ADD FILE NAME	
NO.	

PROFILE

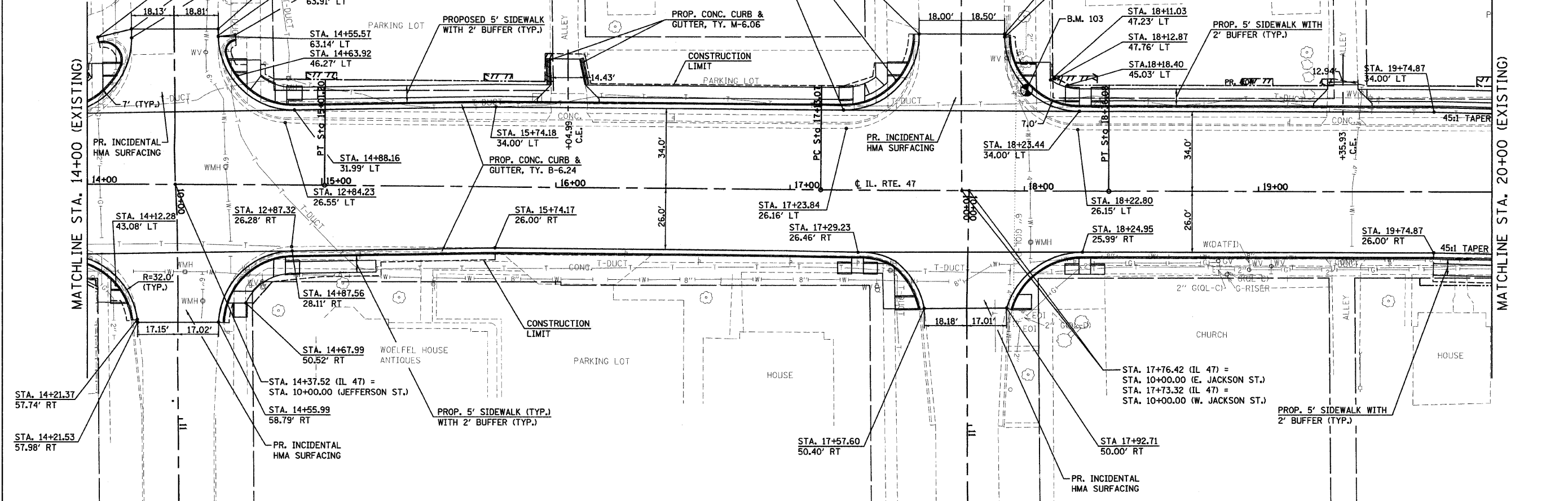
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BY	
CHECKED	
DESIGNED	
PLOTTED	
NOTE BOOK	
ALTERNATE	
ADD FILE NAME	
NO.	

PLOT DATE = Sep 03, 2008 8:42:28 AM
 PLOT SCALE = 21.754' / IN.
 USER NAME = schwanberg

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326 (111CS)	W&RS-21	GRUNDY	85	19
STA. 14+00.00 TO STA. 20+00.00		FED. AID PROJECT		



EXIST. CURVE EXCL 47-3
 PI STA. = 14+38.25
 $\Delta = 0^\circ 29' 06''$ (RT)
 $D = 0^\circ 23' 07''$
 $R = 14,873.19'$
 $L = 62.95'$
 $E = 125.90'$
 $\theta = 0.13'$
 T.R. =
 S.E. RUN =
 P.C. STA. = 13+75.30
 P.T. STA. = 15+01.20



STATION	ELEVATION	REMARKS
B.M. 103	ELEV. 526.18	
535		JEFFERSON STREET INTERSECTION
530		SIDE ROAD ELEVATIONS NOT SHOWN -- USE PLAN ELEVATIONS
525		IL ROUTE 47
520		
515		
510		

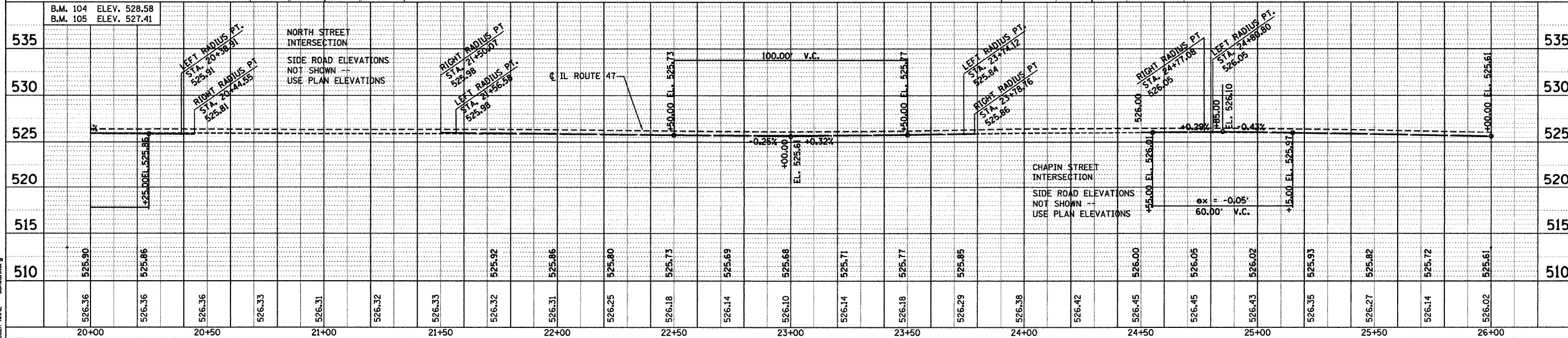
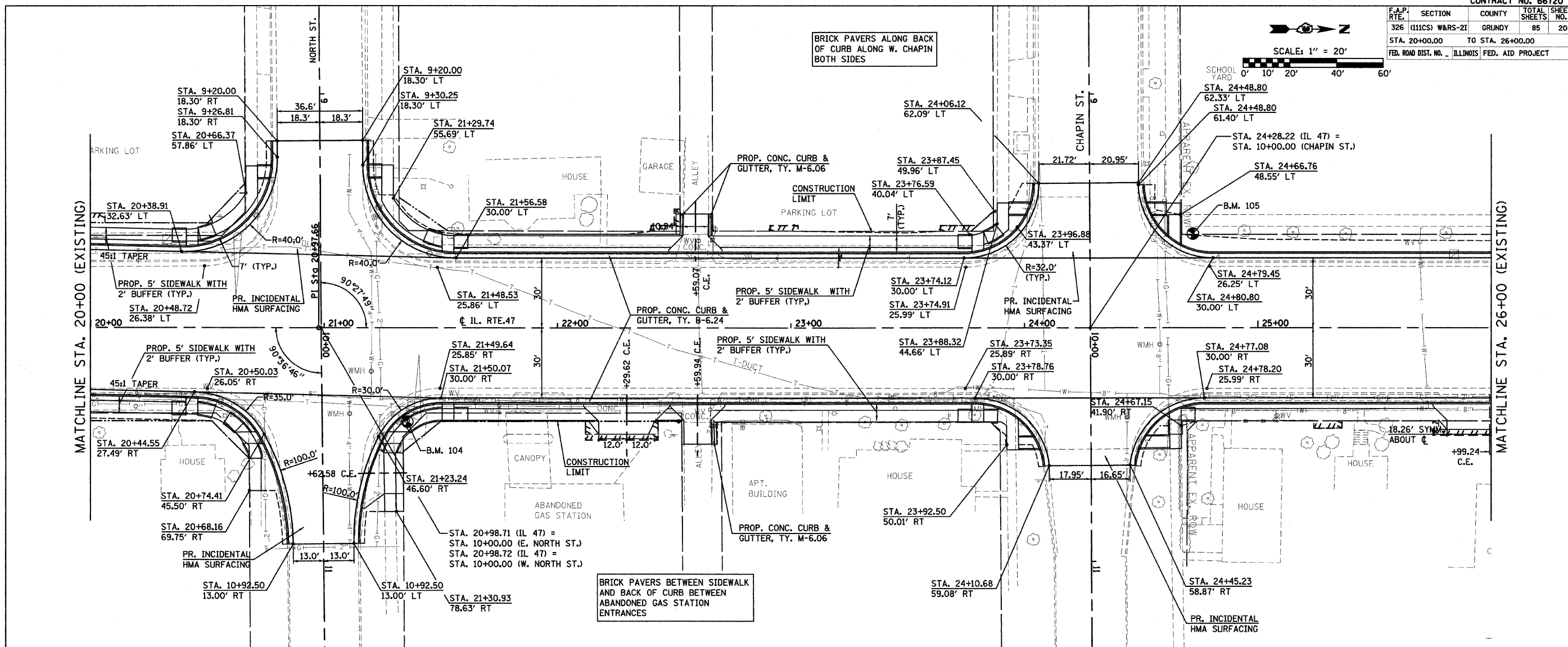
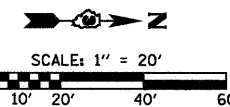
STATION	ELEVATION	REMARKS
14+00	523.30	
14+50	523.53	
15+00	523.78	
15+50	523.94	
16+00	524.09	
16+50	524.30	
17+00	524.52	
17+50	524.73	
18+00	524.94	
18+50	525.06	
19+00	525.17	
19+50	525.24	
20+00	525.35	

STATION	ELEVATION	REMARKS
14+00	523.30	
14+50	523.53	
15+00	523.78	
15+50	523.94	
16+00	524.09	
16+50	524.30	
17+00	524.52	
17+50	524.73	
18+00	524.94	
18+50	525.06	
19+00	525.17	
19+50	525.24	
20+00	525.35	

DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____ BY: _____
 DATE: _____ BY: _____
 DATE: _____ BY: _____

PLOT DATE = Sep 03, 2008 - 4:42:48 PM
 PLOT SCALE = 21.764 / IN.
 USER NAME = schneberger

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326 (111CS) W&RS-21	GRUNDY	85	20
STA. 20+00.00 TO STA. 26+00.00			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

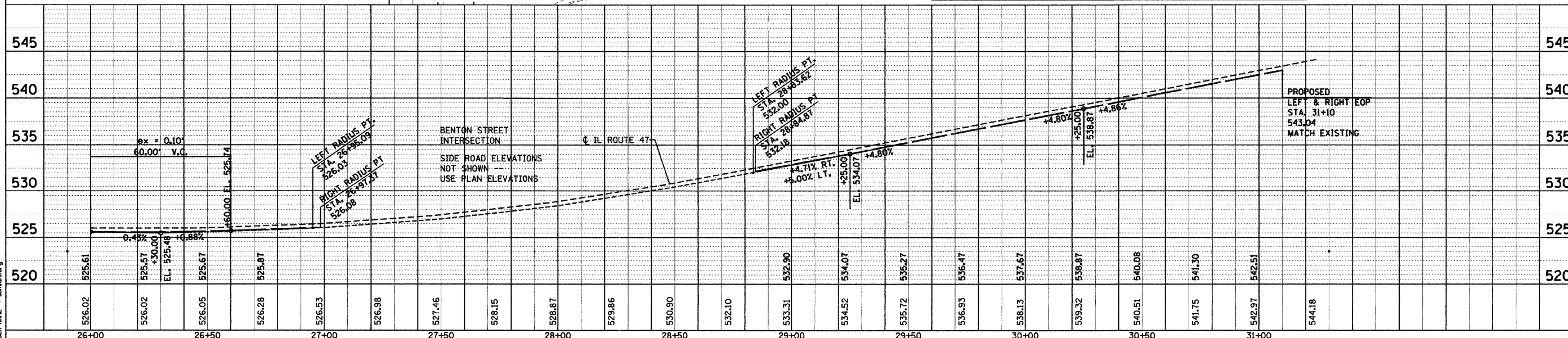
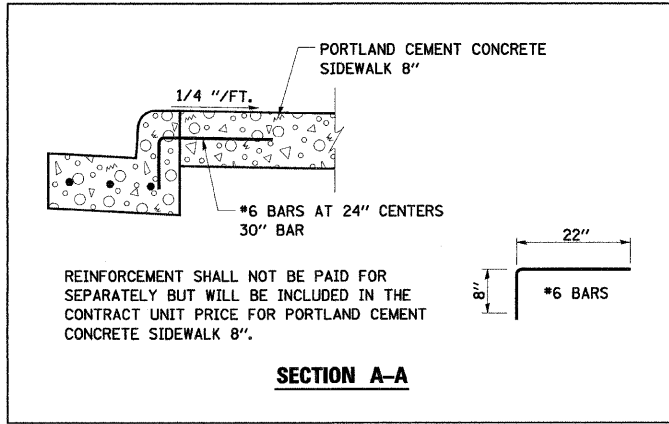
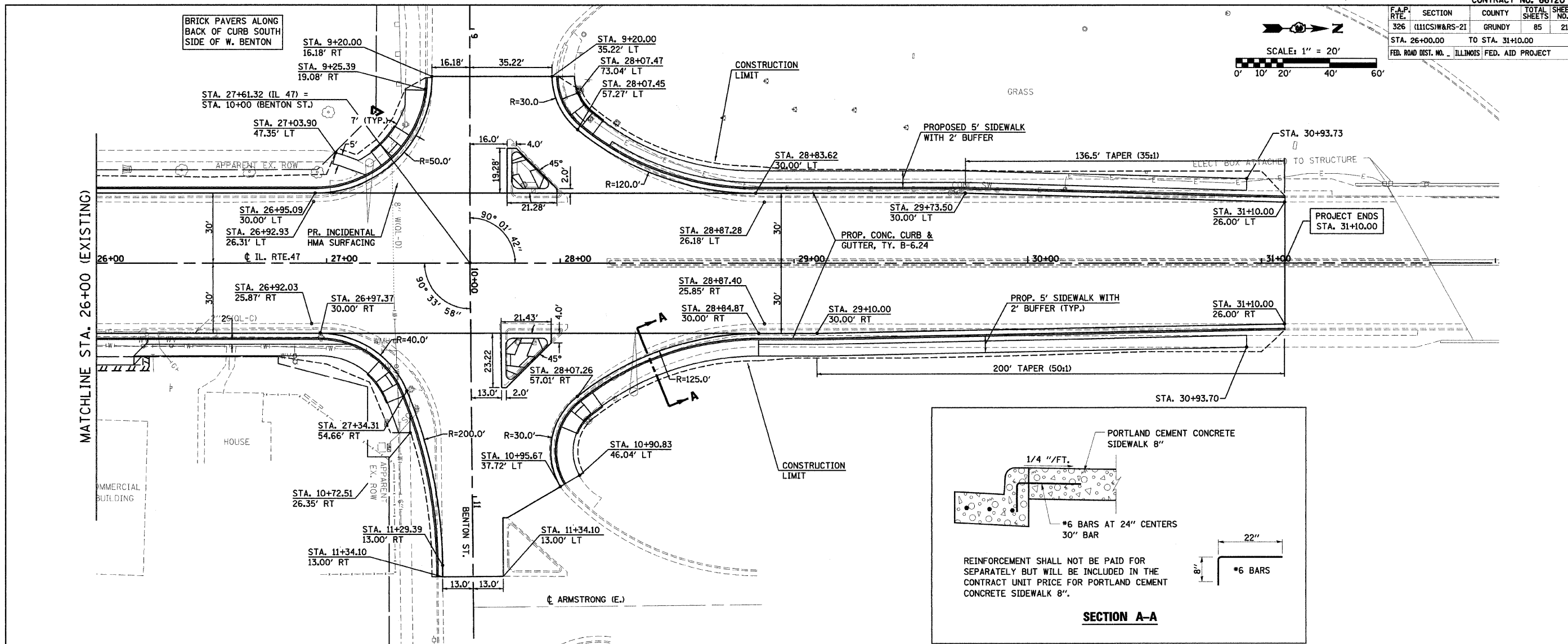
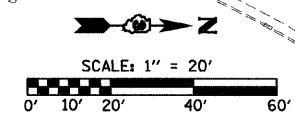


DATE: _____ BY: _____
 CHECKED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO.: _____

DATE: _____ BY: _____
 CHECKED: _____
 PROFILE: _____
 NOTE BOOK: _____
 NO.: _____

PLUT DATE: Sep 03, 2003 - 04:23:09 PM
 PLUT SCALE: 21.784 / IN.
 USER NAME: schwenberg

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	ILLCSW&RS-21	GRUNDY	85	21
STA. 26+00.00		TO STA. 31+10.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

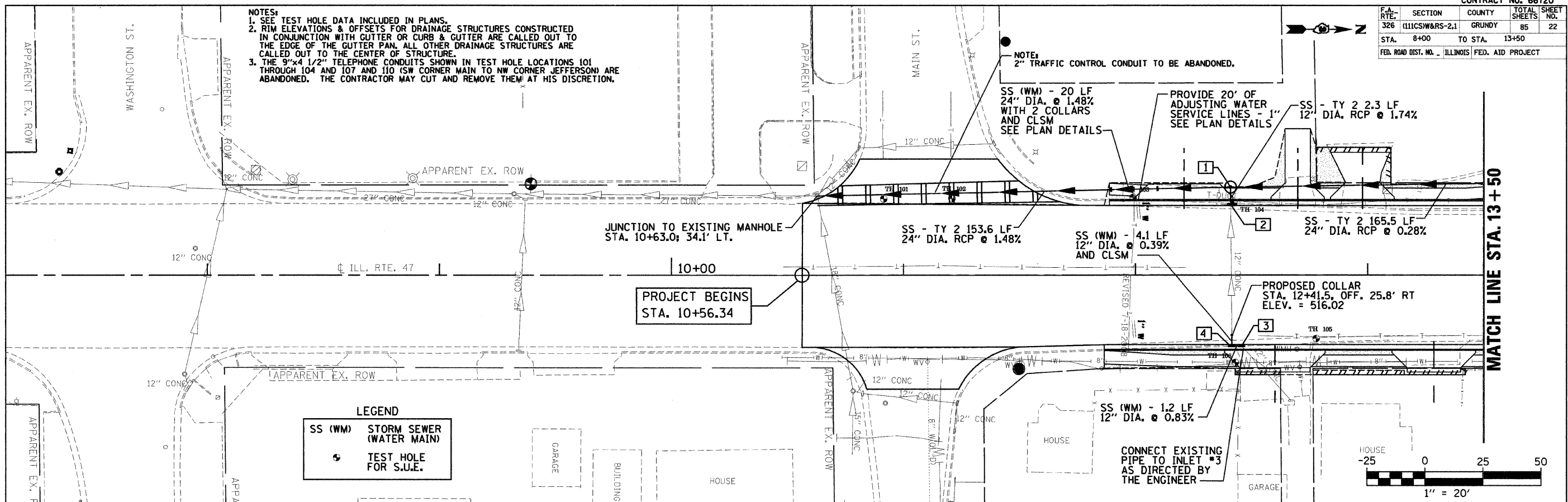


DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____ BY: _____
 PLOT DATE: Sep 03, 2008 - 04:25:05 PM
 PLOT SCALE: 21.784 / IN.
 USER NAME: schwenkerg

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(11)CSW&RS-2.1	GRUNDY	85	22
STA. 8+00	TO STA. 13+50			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES:
 1. SEE TEST HOLE DATA INCLUDED IN PLANS.
 2. RIM ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES CONSTRUCTED IN CONJUNCTION WITH GUTTER OR CURB & GUTTER ARE CALLED OUT TO THE EDGE OF THE GUTTER PAN. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.
 3. THE 9"x4 1/2" TELEPHONE CONDUITS SHOWN IN TEST HOLE LOCATIONS 101 THROUGH 104 AND 107 AND 110 (SW CORNER MAIN TO NW CORNER JEFFERSON) ARE ABANDONED. THE CONTRACTOR MAY CUT AND REMOVE THEM AT HIS DISCRETION.

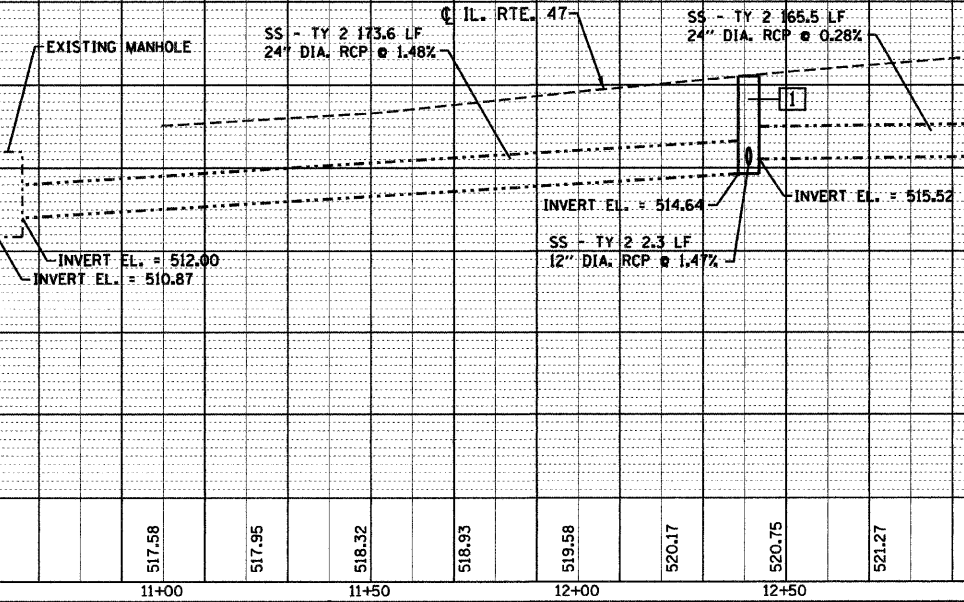
NOTE:
 2" TRAFFIC CONTROL CONDUIT TO BE ABANDONED.



LEGEND

SS (WM)	STORM SEWER (WATER MAIN)
⊙	TEST HOLE FOR S.U.E.

STRUCT. NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	
535	1	12+41.0	37.9' LT.	520.50	515.52 N; 514.64 S; 515.20 E	MANHOLE TYPE A 5' DIA. W/ TYPE 1 FRAME CL
	2	12+41.0	30.1' LT.	520.21	515.80 E; 515.24 W	INLET TYPE B W/ TYPE 3 FRAME & GRATE
	3	12+45.7	29.9' RT.	520.32	516.06 S; 516.07 NE	INLET TYPE B W/ TYPE 20 FRAME & GRATE
	4	12+41.5	29.9' RT.	520.23	516.04 W; 516.05 N	INLET TYPE B W/ TYPE 20 FRAME & GRATE
530						
525						
520						
515						
510						
505						
500						
495						

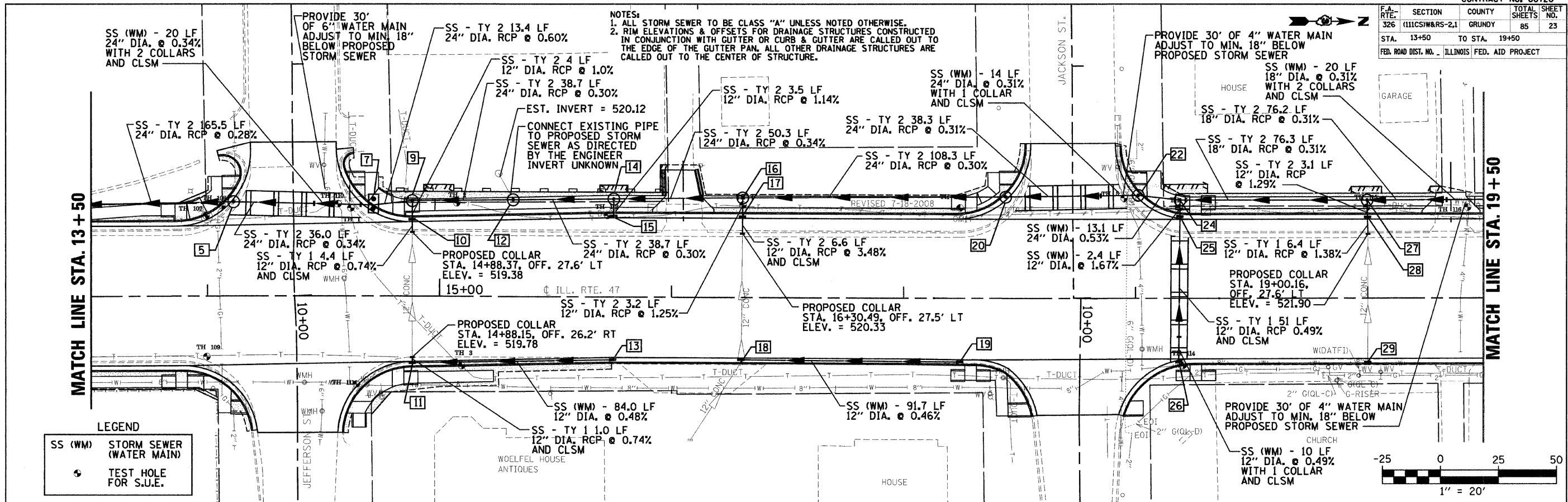


DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____ BY: _____
 CHECKED: _____

DATE-TIME
 c:\pw\work\10\1001_schwartz\cpl.dwg 296 (6) P.P. dgn

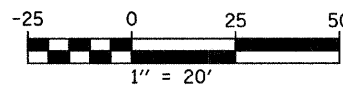
F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(11)CS1W&RS-2,1	GRUNDY	85	23
STA. 13+50	TO STA. 19+50			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES:
 1. ALL STORM SEWER TO BE CLASS "A" UNLESS NOTED OTHERWISE.
 2. RIM ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES CONSTRUCTED IN CONJUNCTION WITH GUTTER OR CURB & GUTTER ARE CALLED OUT TO THE EDGE OF THE GUTTER PAN. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.



LEGEND

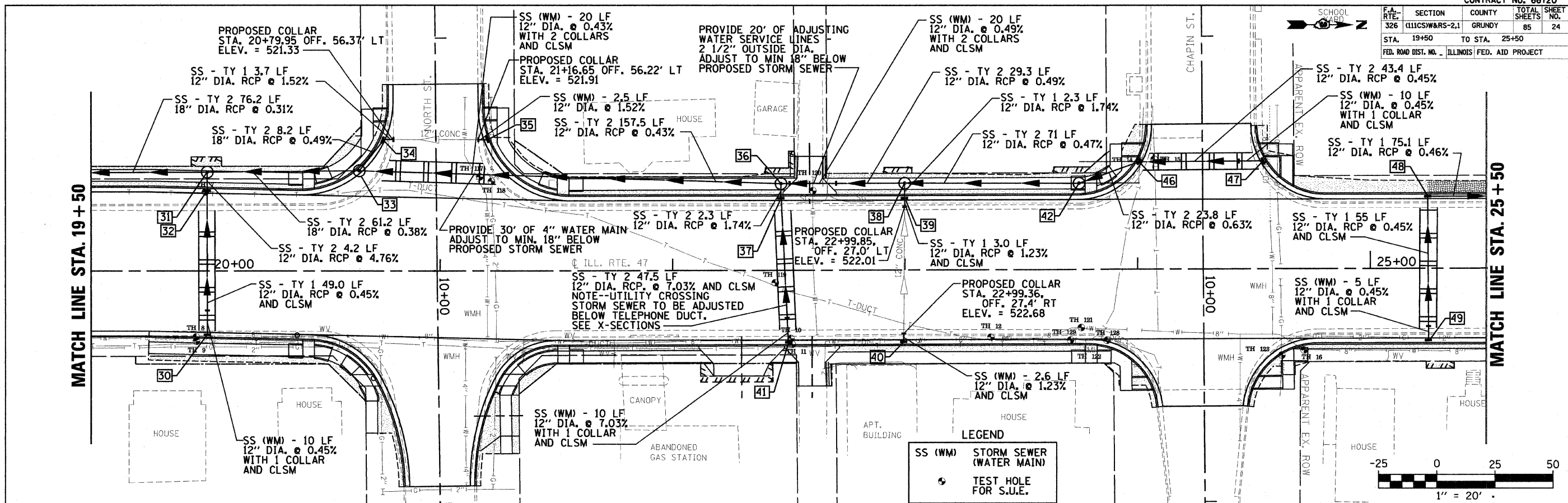
SS (WM)	STORM SEWER (WATER MAIN)
⊙	TEST HOLE FOR S.U.E.



STRUCT. NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	STRUCT. NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
545	5	14+11.4	40.5' LT.	522.90	515.99 N; 515.99 S	18	16+30.2	26.0' RT.	524.69	522.19 N; 522.19 W; 522.36 SE	INLET TYPE B. W/ TYPE 3 FRAME & GRATE
	6					19	17+24.4	26.5' RT.	525.01	522.61 S	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	7	14+71.5	36.4' LT.	522.99	516.18 N; 516.18 S; 518.71 W	20	17+43.92	43.5' LT.	525.80	517.41 N; 517.39 S; 520.47 E	MANHOLE TYPE A 5' DIA. W/ TYPE 3 FRAME & GRATE
540	8					21					
	9	14+88.4	41.0' LT.	524.04	516.26 N; 516.26 S; 517.96 E	22	18+01.2	44.3' LT.	524.73	517.57 N; 517.57 S	MANHOLE TYPE A 5' DIA. W/ TYPE 1 FRAME CL
	10	14+88.4	32.0' LT.	523.56	519.35 E; 518.00 W	23					
	11	14+88.1	28.1' RT.	523.56	519.95 N; 519.79 W; 519.95 SE	24	18+19.0	42.3' LT.	525.85	517.64 N; 517.64 S; 521.75 E	MANHOLE TYPE A 5' DIA. W/ TYPE 1 FRAME CL
535	12	15+31.6	41.5' LT.	523.49	516.40 N; 516.38 S	25	18+19.0	34.4' LT.	525.30	522.52 E; 521.79 W	INLET TYPE B W/ TYPE 3 FRAME & GRATE
	13	15+74.6	26.0' RT.	524.27	520.35 S	26	18+18.7	26.6' RT.	525.32	522.82 W	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	14	15+75.3	42.1' LT.	524.80	516.90 N; 516.52 S; 518.88 E	27	18+99.8	42.1' LT.	526.12	517.88 N; 517.88 S; 519.95 E	MANHOLE TYPE A 4' DIA. W/ TYPE 1 FRAME CL
	15	15+75.2	34.1' LT.	524.27	518.92 W	28	18+99.8	34.0' LT.	525.63	521.81 E; 519.99 W	INLET TYPE B W/ TYPE 3 FRAME & GRATE
530	16	16+30.6	42.8' LT.	524.90	517.07 N; 517.07 S; 518.24 E	29	19+00.1	26.0' RT.	525.64	522.64 W	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	17	16+30.5	34.1' LT.	524.59	520.10 E; 518.28 W						

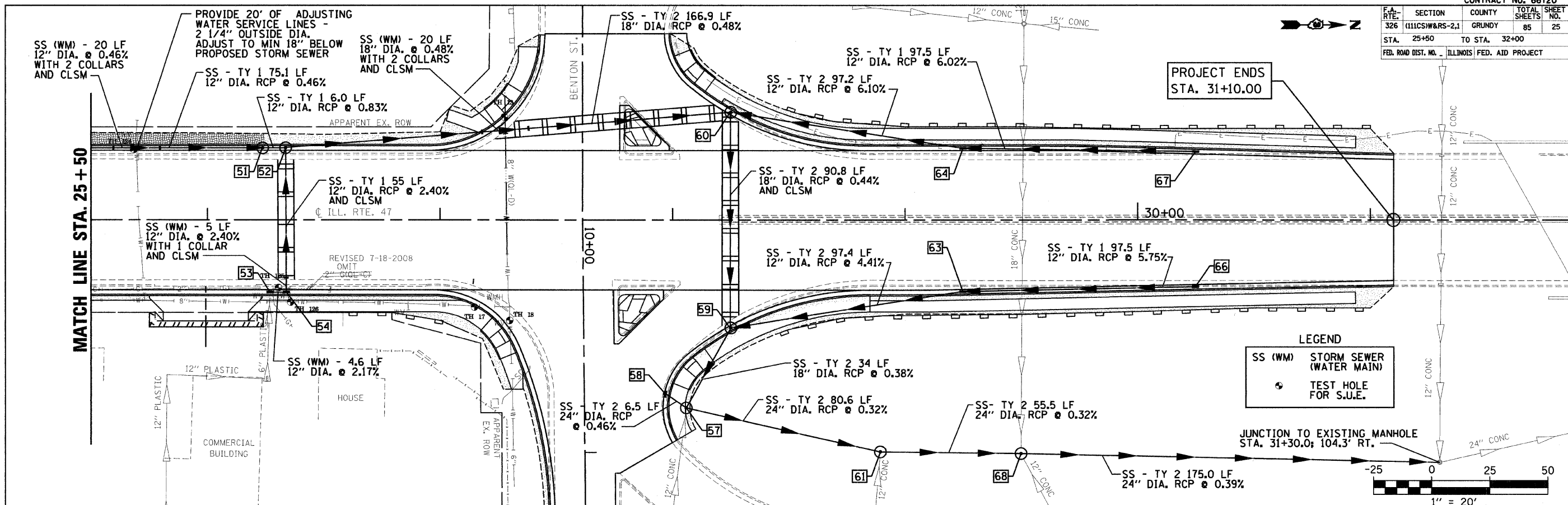
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS)WARS-2.1	GRUNDY	85	24
STA. 19+50	TO STA. 25+50			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



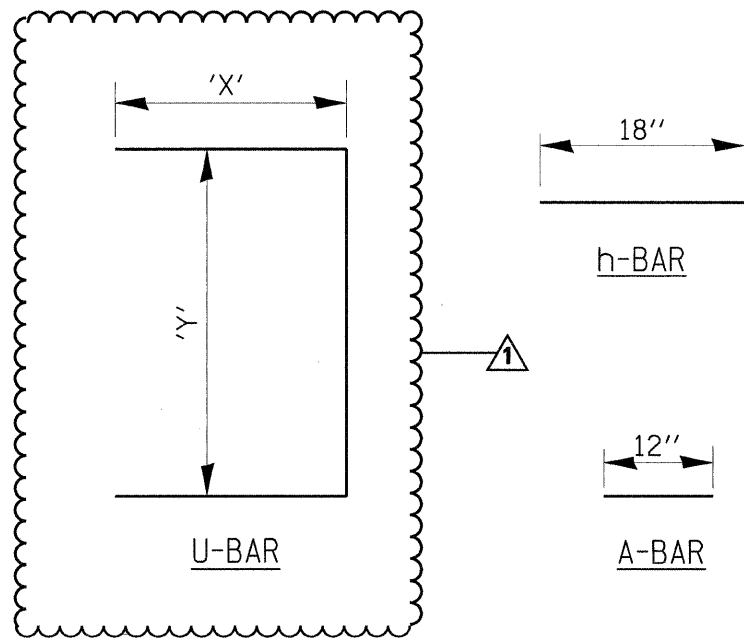
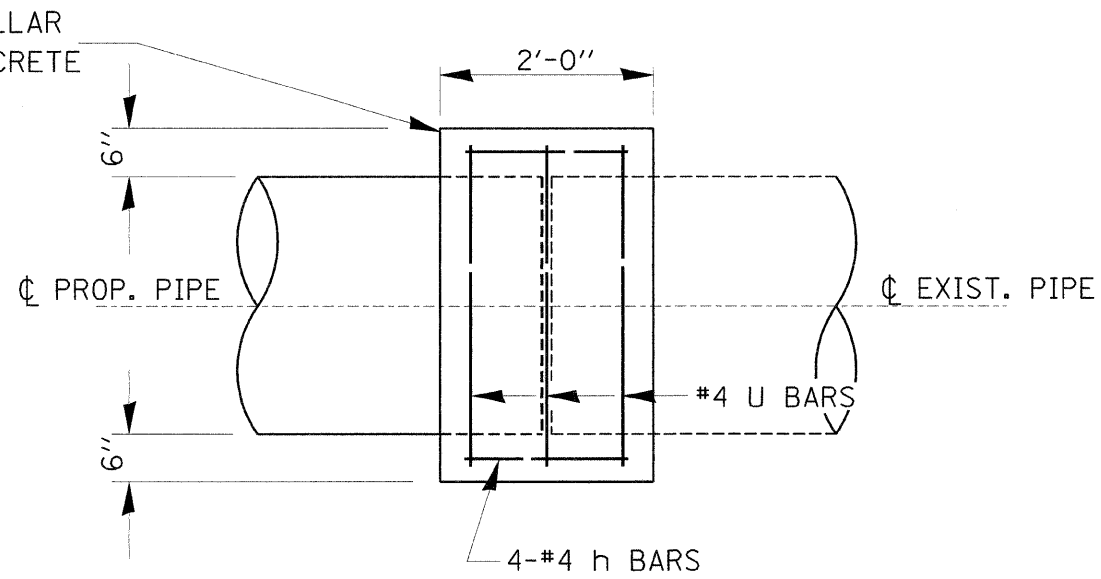
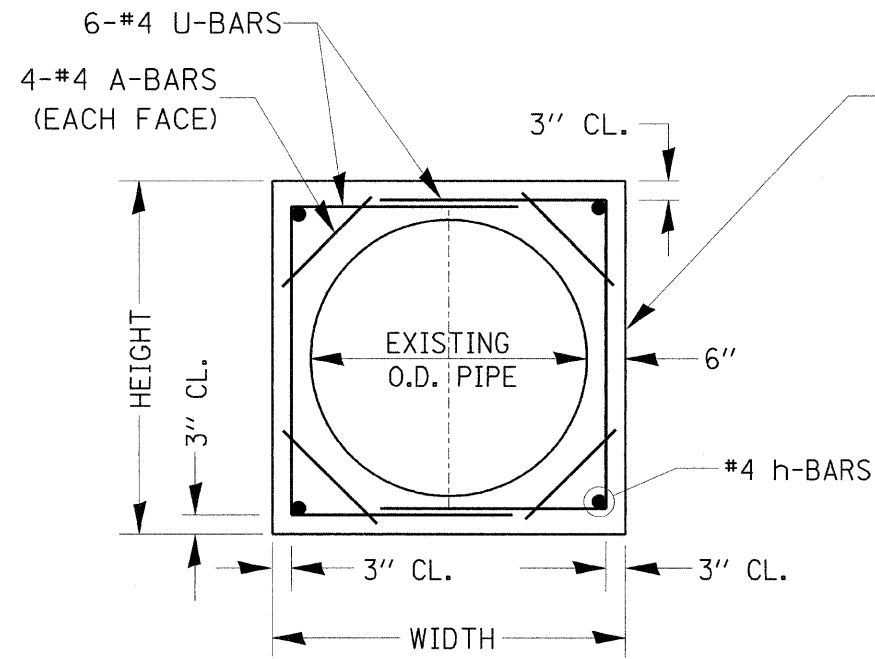
STRUCT. NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	STRUCT. NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	
545	30	20+00.0	26.5' RT.	525.90	523.37 W	41	22+50.0	30.0' RT.	525.73	523.48 W	INLET TYPE A W/ TYPE 3 FRAME & GRATE	545
	31	20+00.0	42.6' LT.	526.41	518.18 N; 518.18 S; 522.80 E	42	23+75.0	37.0' LT.	526.09	520.81 N; 520.57 S	MANHOLE TYPE A 4' DIA. W/ TYPE 1 FRAME CL	
	32	20+00.0	33.4' LT.	525.90	523.00 W; 523.10 E	43						
540	33	20+65.2	43.1' LT.	525.50	518.54 N; 518.41 S; 520.29 W	44						540
	34	20+75.4	55.1' LT.	525.19	521.27 N; 520.33 E	45						
	35	21+20.0	56.2' LT.	525.08	521.95 S	46	24+00.7	46.1' LT.	525.58	520.96 N; 520.96 S	INLET TYPE B W/ TYPE 3 FRAME & GRATE	540
	36	22+46.7	37.3' LT.	525.94	520.00 N; 519.30 S; 519.30 E	47	24+54.1	46.4' LT.	525.68	521.20 S	INLET TYPE A W/ TYPE 3 FRAME & GRATE	
535	37	22+46.7	30.0' LT.	525.74	519.34 W; 519.44 E	48	25+25.0	30.0' LT.	525.93	522.17 N; 522.25 E	INLET TYPE B W/ TYPE 3 FRAME & GRATE	535
	38	23+00.0	37.3' LT.	526.18	520.24 N; 520.24 S; 520.70 E	49	25+25.0	30.0' RT.	525.93	522.52 W	INLET TYPE A W/ TYPE 3 FRAME & GRATE	
	39	23+00.0	30.0' LT.	525.68	521.97 E; 520.74 W	50						
	40	23+00.0	30.0' RT.	525.68	522.71 W							
530												530
525												525
520												520
515												515
510												510
505												505

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS)W&RS-2.1	GRUNDY	85	25
STA. 25+50	TO STA. 32+00			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STRUCT NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	STRUCT NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	
550	51	26+23.6	30.0' LT.	525.56	521.73 N; 521.73 S	550	65					
	52	26+33.6	30.0' LT.	525.57	521.68 S; 521.68 E; 521.60 N		66	30+25.0	27.7' RT.	538.87	535.61 S	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	53	26+26.9	30.0' RT.	525.56	523.32 N		67	30+25.0	28.5' LT.	538.87	535.87 S	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	54	26+34.0	30.0' RT.	525.57	523.12 W; 523.22 S		68	29+49.9	100.4' RT.	524.40	514.30 N; 515.30 S; 518.43 E; 514.30 W	MANHOLE TYPE A 5' DIA. W/ TYPE 1 FRAME CL
545	55					545						
	56											
540	57	28+05.9	80.8' RT.	526.60	518.76 E; 518.76 NE; 518.76 SW; 519.97 NW	540						
	58	27+96.4	74.7' RT.	524.99	518.79 NE							
	59	28+25.0	45.4' RT.	528.63	520.20 W; 520.10 SE; 525.60 N							
	60	28+25.0	45.4' LT.	528.58	520.70 S; 520.60 E; 524.00 N							
535	61	28+89.4	99.6' RT.	524.93	515.48 N; 518.95 E; 518.50 SW	535						
	62											
530	63	29+25.0	29.7' RT.	534.07	529.90 S; 530.00 N	530						
	64	29+25.0	30.1' LT.	534.07	529.90 S; 530.00 N							
525						525						
515						515						
510						510						

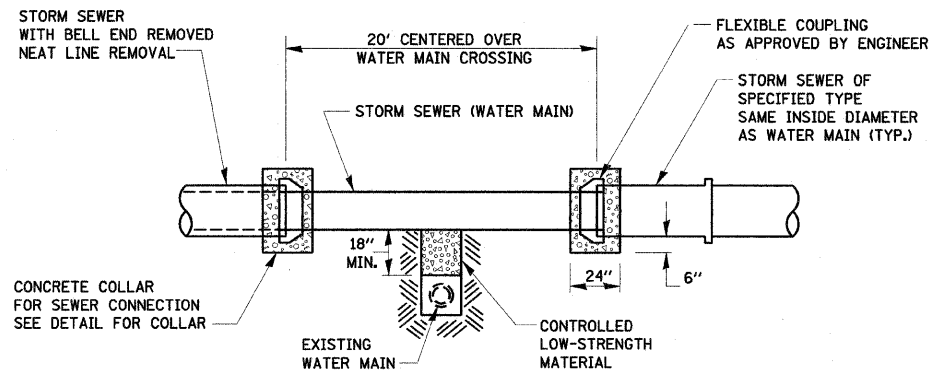
P. & SHE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS)W&RS-2,1	GRUNDY	85	56
STA. TO STA.		PUL. JOB PROJECT		



QUANTITY OF EACH SIZE COLLAR	EXISTING CULVERT SIZE INSIDE DIA.	EXTENSION COLLAR		A-BAR	U-BAR		h-BAR	CONC. COLLAR CU. YD.	REINFORCEMENT BARS POUND
		WIDTH IN.	HEIGHT IN.	12 IN.	'X' IN.	'Y' IN.	18 IN.		
21	12" I.D.	28	28	12	22	15	18	0.35	38__
4	18" I.D.	35	35	12	29	20	18	0.50	43__
5	24" I.D.	42	42	12	36	24	18	0.68	49__
	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---

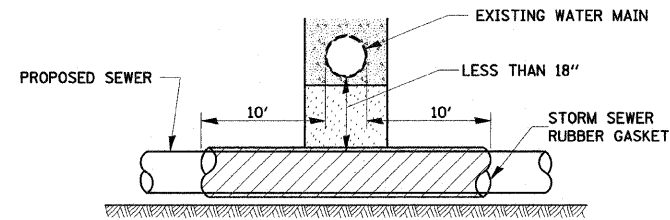
COLLAR DETAIL (DIRECT PIPE CULVERT EXTENSION)

F. & A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS)W&RS-2,1	GRUNDY	85	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

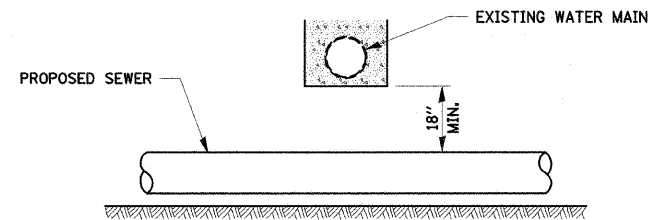


**STORM SEWER (WATER MAIN)
FOR WATER & SEWER SEPARATION
REQUIREMENTS**

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

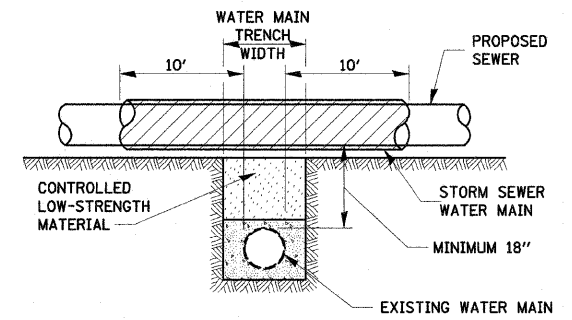


PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY

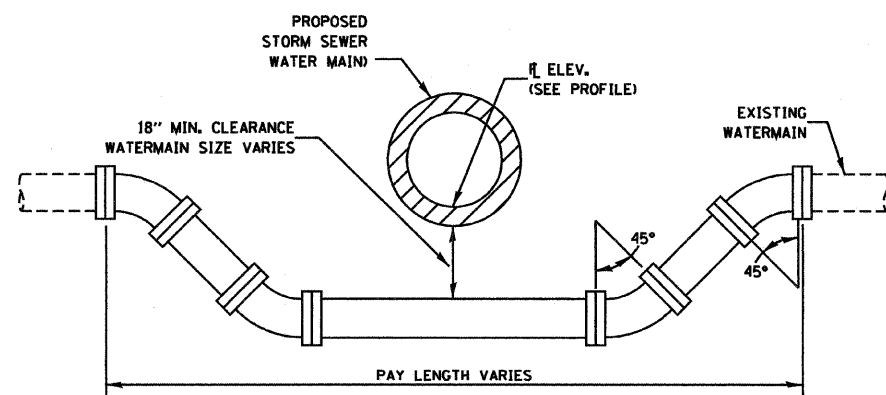


**PROPOSED SEWER LINE
BELOW EXISTING WATER MAIN**

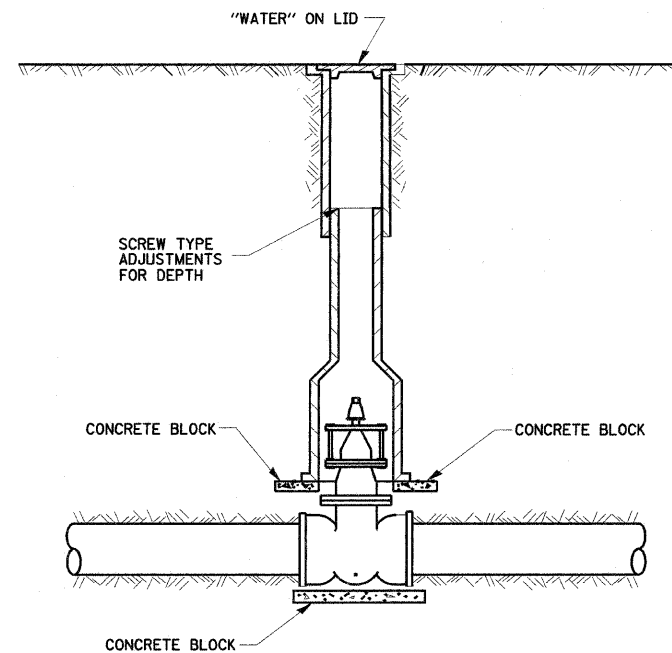
PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



**PROPOSED SEWER LINE WITH MINIMUM
18" VERTICAL SEPARATION ABOVE
EXISTING WATER MAIN**



ADJUSTING WATERMAIN DETAIL



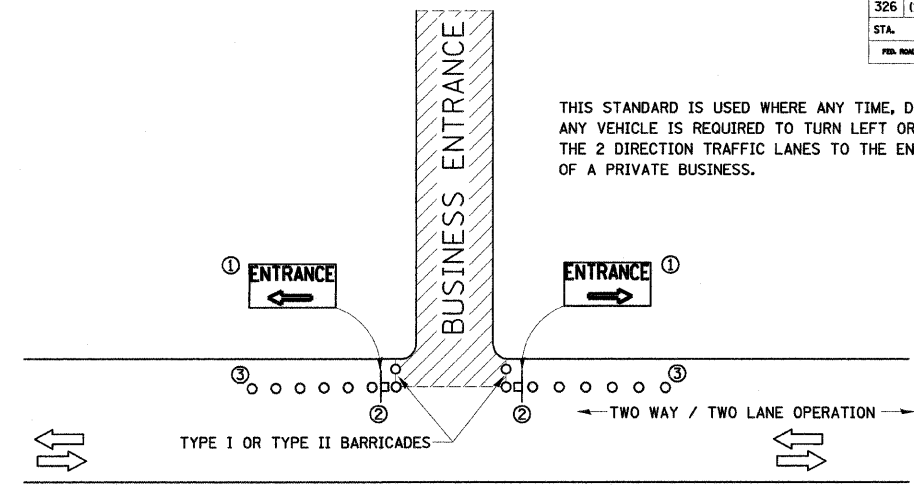
TYPICAL VALVE BOX INSTALLATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT DETAILS
 IL ROUTE 47
 GRUNDY COUNTY
 SCALE: VERT. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____





REVISION 1 REVISED 9-02-08, MJ

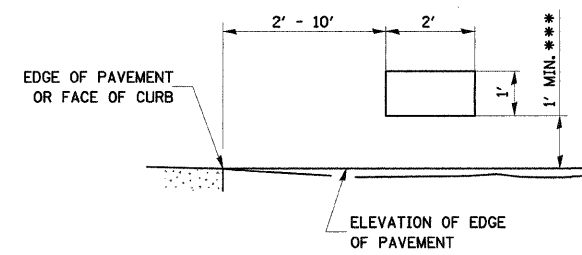
F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS)W&RS-2.1	GRUNDY	85	63-A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



THIS STANDARD IS USED WHERE ANY TIME, DAY OR NIGHT, ANY VEHICLE IS REQUIRED TO TURN LEFT OR RIGHT FROM THE 2 DIRECTION TRAFFIC LANES TO THE ENTRANCE ZONE OF A PRIVATE BUSINESS.

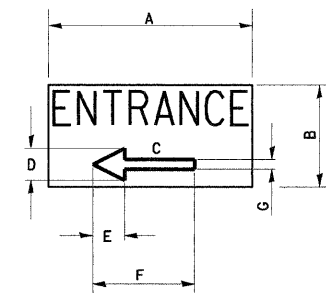
SYMBOLS

-  BUSINESS ENTRANCE ZONE
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  DRUMS
-  SIGN ON TEMPORARY SUPPORT
- ① REFER TO BUSINESS ENTRANCE SIGN TABLE FOR DIMENSIONS.
- ② SEE "SIGNS ON TEMPORARY SUPPORTS" DETAIL.



SIGNS ON TEMPORARY SUPPORTS

*** WHEN WORK OPERATIONS EXCEED FOUR DAYS, THIS DIMENSION SHALL BE 5' MIN. IF LOCATED BEHIND OTHER DEVICES, THE HEIGHT SHALL BE SUFFICIENT TO BE SEEN BY MOTORISTS.
TEMPORARY SUPPORTS SHALL MEET REQUIREMENTS OF NCHRP REPORT 350.



BUSINESS ENTRANCE SIGN

4" BLUE LETTERING NON-REFLECTIVE WITH WHITE REFLECTIVE BACKGROUND

SIGN SIZE	DIMENSIONS						
	A	B	C	D	E	F	G
24 X 12	24	12	8.25	4.75	3.75	12	2.25

SIGNS FOR BUSINESSES ABUTTING THE WORK ZONE, DELINEATING THE WAY THROUGH THE BARRICADES TO RESPECTIVE ENTRANCES.

BUSINESS ABUTTING WORK ZONE ENTRANCE SIGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING DETAIL

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-J
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form

© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 36.8433
Test Hole # 110
Plan Scale 1"=30'
Sheet # 2
SPORM X-ING
Proposed Date JULY 15, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NW CORNER JEFFERSON ST & DIVISION ST
Recorded Size/Material/Type 9" W&R UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work ASPHALT RWY IN GOOD COND.

B.M. 1 Elev. = 628.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37' LT OF STA. 15+97.8, DIVISION ST.

B.M. 2 Elev. = 618.18'
is GIVEN
Description: (BM #101) CHIS "X" FOUND NE CAP BOLT OF P.H., 39' RT OF STA. 11+488, DIVISION ST.

SO-DEEP will attempt to use the B.M.'s most applicable to your design. If however, B.M.'s differ by more than .05', resulting differences could cause design conflicts.

Benchmarks check BY 6.00'
Elevations are referenced to B.M.#1

Recorded Size/Type of utility WAS FOUND

There WERE additional utilities in the test hole

The utility WAS in good condition.

Paving Thickness and type 1" ASPHALT

Color of ribbon installed ORANGE & BLUE

Soil Type MOIST SAND

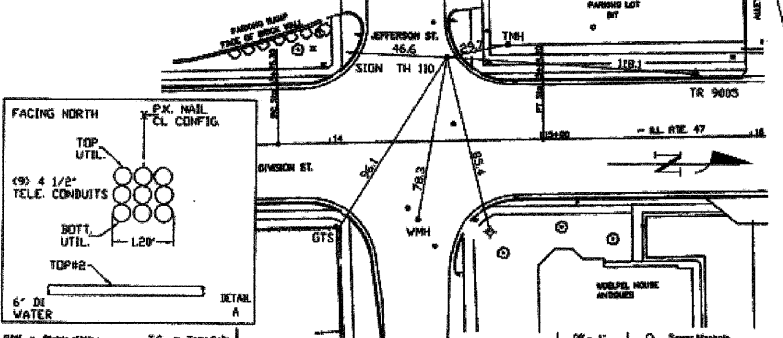
Field Condition MODERATE RD TRAFFIC

T.H. tied to P.K. NAIL

(9) 4 1/2" P.L.A. (AT&T) TELE. CONDUITS 1.12" H"
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
N/A

Remarks: ALSO FOUND IN TEST HOLE A 8" D.I. (C.O.M.) WATER LINE RUNNING BENEATH & PERPENDICULAR TO THE (9) TELE. CONDUITS. TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



B.W. = Right of Way	T.C. = Tama Cells	26" - 1"	○ Sewer Manhole
N.T.S. = Not to Scale	P.L.A. = Plastic	18" - 2"	○ Test Hole
PC = Precast Concrete	BL = Base Line	20" - 3"	○ Fire Hydrant
CONC. = Concrete	ELEC. = Electric	22" - 4"	○ Pole
O.D. = Outside Diameter	TELE. = Telephone	24" - 6"	○ Fence Line
CL = Cast Iron	T.H. = Test Hole	26" - 8"	○ Electric Manhole
DI = Ductile Iron	SW = Sewer	28" - 7"	○ T.S. = Traverse Station
RPC = Rough-Pipe Concrete	DW = Dewater	30" - 6"	○ Valve
CL = Cast Iron	BM = Benchmark	32" - 11"	○ Water Meter
	C.B. = Catch Basin		○ Telephone Manhole
	GV = Gas Valve		□ Telephone Pedestal

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

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

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 36.8433
Test Hole # 111
Plan Scale 1"=30'
Sheet # 2
CURB & GUTTER
Proposed Date JULY 15, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NE CORNER OF JEFFERSON ST & DIVISION ST
Recorded Size/Material/Type 8" UNK TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work CONG. GUTTER IN GOOD CONDITION

B.M. 1 Elev. = 628.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37' LT OF STA. 15+97.8, DIVISION ST.

B.M. 2 Elev. = 618.18'
is GIVEN
Description: (BM #101) CHIS "X" FOUND NE CAP BOLT OF P.H., 39' RT OF STA. 11+488, DIVISION ST.

SO-DEEP will attempt to use the B.M.'s most applicable to your design. If however, B.M.'s differ by more than .05', resulting differences could cause design conflicts.

Benchmarks check BY 6.00'
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 1" CONCRETE

Color of ribbon installed BLUE

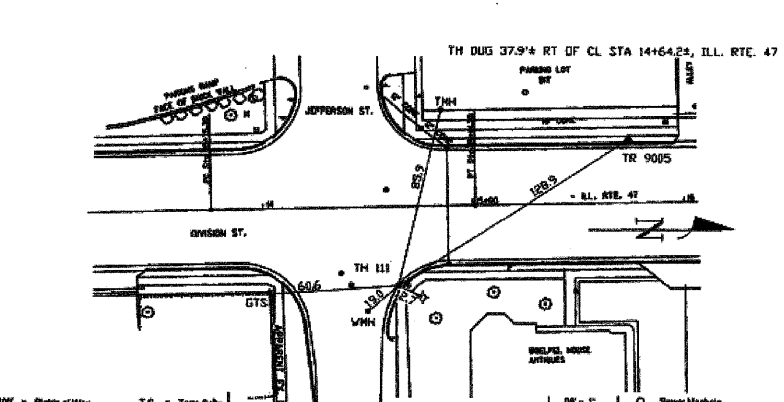
Soil Type WET SAND

Field Condition CONCRETE GUTTER

T.H. tied to CHIS "X"

8" D.I. WATER LINE
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
FULL

Remarks: NONE



B.W. = Right of Way	T.C. = Tama Cells	26" - 1"	○ Sewer Manhole
N.T.S. = Not to Scale	P.L.A. = Plastic	18" - 2"	○ Test Hole
PC = Precast Concrete	BL = Base Line	20" - 3"	○ Fire Hydrant
CONC. = Concrete	ELEC. = Electric	22" - 4"	○ Pole
O.D. = Outside Diameter	TELE. = Telephone	24" - 6"	○ Fence Line
CL = Cast Iron	T.H. = Test Hole	26" - 8"	○ Electric Manhole
DI = Ductile Iron	SW = Sewer	28" - 7"	○ T.S. = Traverse Station
RPC = Rough-Pipe Concrete	DW = Dewater	30" - 6"	○ Valve
CL = Cast Iron	BM = Benchmark	32" - 11"	○ Water Meter
	C.B. = Catch Basin		○ Telephone Manhole
	GV = Gas Valve		□ Telephone Pedestal

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

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

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 36.8433
Test Hole # 112
Plan Scale 1"=30'
Sheet # 2
CURB & GUTTER
Proposed Date JULY 15, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST JUST NORTH OF JEFFERSON ST
Recorded Size/Material/Type 8" W&R UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work CONG. SW IN GOOD CONDITION

B.M. 1 Elev. = 628.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37' LT OF STA. 15+97.8, DIVISION ST.

B.M. 2 Elev. = 628.81'
is GIVEN
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40' RT OF STA. 21+332, DIVISION ST.

SO-DEEP will attempt to use the B.M.'s most applicable to your design. If however, B.M.'s differ by more than .05', resulting differences could cause design conflicts.

Benchmarks check BY 6.00'
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 4" CONCRETE

Color of ribbon installed ORANGE

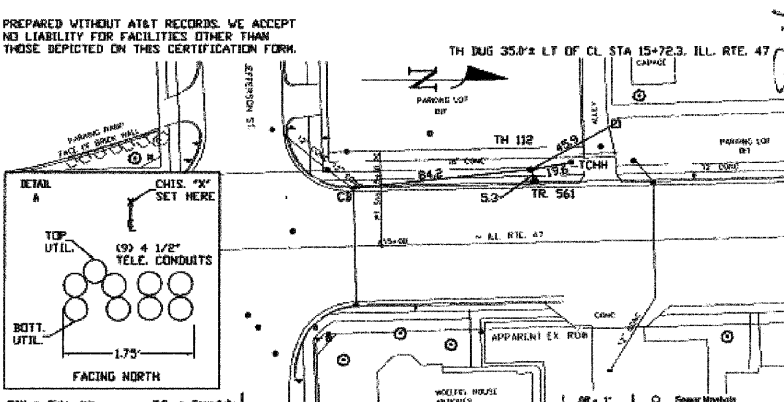
Soil Type MOIST SAND

Field Condition CONCRETE SW

T.H. tied to CHIS "X"

(9) 4 1/2" P.L.A. (AT&T) TELE. CONDUITS 0.96" H"
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
N/A

Remarks: TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.



B.W. = Right of Way	T.C. = Tama Cells	26" - 1"	○ Sewer Manhole
N.T.S. = Not to Scale	P.L.A. = Plastic	18" - 2"	○ Test Hole
PC = Precast Concrete	BL = Base Line	20" - 3"	○ Fire Hydrant
CONC. = Concrete	ELEC. = Electric	22" - 4"	○ Pole
O.D. = Outside Diameter	TELE. = Telephone	24" - 6"	○ Fence Line
CL = Cast Iron	T.H. = Test Hole	26" - 8"	○ Electric Manhole
DI = Ductile Iron	SW = Sewer	28" - 7"	○ T.S. = Traverse Station
RPC = Rough-Pipe Concrete	DW = Dewater	30" - 6"	○ Valve
CL = Cast Iron	BM = Benchmark	32" - 11"	○ Water Meter
	C.B. = Catch Basin		○ Telephone Manhole
	GV = Gas Valve		□ Telephone Pedestal

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-K
STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Conrad # 818433
Test Hole # 115
Plan Scale 1"=50'
Sheet # 2
CURB & GUTTER
Proposed Date JULY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SW CORNER JACKSON ST & DIVISION ST
Recorded Size/Material/Type 8-WAY LINK, TYPE (AT&T) TELE DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work ASPHALT PARKING LOT

B.M. 1 Elev. = 528.87
is GIVEN
B.M. 2 Elev. = 528.59
is GIVEN

Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37'± LT OF STA. 13+52.3, DIVISION ST.
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40'± RT OF STA. 21+33.2, DIVISION ST.

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

Benchmarks check BY G&T
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 3" ASPHALT

Color of ribbon installed ORANGE

Soil Type MORTY SAND

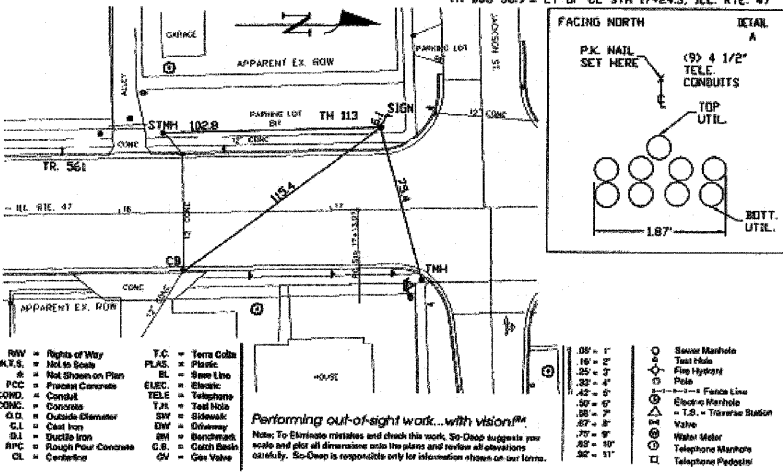
Field Condition ASPHALT P-LOT

T.H. tied to P.K. NAIL

(9) 4 1/2" PLA. (AT&T) TELE CONDUITS 0.6W 1" M"
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
N/A

Remarks: TELE DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- | | | |
|---------------------------|--------------------|--------------------------|
| R/W = Right of Way | T.C. = Terra Cotta | SP - 1" = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | TH = Test Hole |
| # = Not Shown on Plan | BL = Base Line | FL = Fire Hydrant |
| PC = Precast Concrete | ELC = Electric | PS = Pole |
| CONC. = Concrete | TELE = Telephone | FL = Fence Line |
| O.D. = Outside Diameter | T.H. = Test Hole | EM = Electric Manhole |
| CL = Cast Iron | SW = Street | T.S. = Telephone Station |
| DL = Ductile Iron | DM = Driveway | W = Water |
| RFC = Rough-Pour Concrete | BM = Benchmark | TM = Telephone Manhole |
| CL = Corbel/curb | C.B. = Catch Basin | GV = Gas Valve |
| | GV = Gas Valve | |

Performing out-of-sight work...with vision!SM
Note: To eliminate mistakes and check this work, So-Deep suggests you note and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Conrad # 818433
Test Hole # 114
Plan Scale 1"=50'
Sheet # 2
CURB & GUTTER
Proposed Date JULY 16, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NE CORNER JACKSON ST & DIVISION ST
Recorded Size/Material/Type 8" LINK, TYPE (C.D.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work CONC CURB IN GOOD CONDITION

B.M. 1 Elev. = 528.87
is GIVEN
B.M. 2 Elev. = 528.69
is GIVEN

Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37'± LT OF STA. 13+52.3, DIVISION ST.
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40'± RT OF STA. 21+33.2, DIVISION ST.

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

Benchmarks check BY G&T
Elevations are referenced to B.M.#2

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" CONCRETE

Color of ribbon installed BLUE

Soil Type MORTY SAND

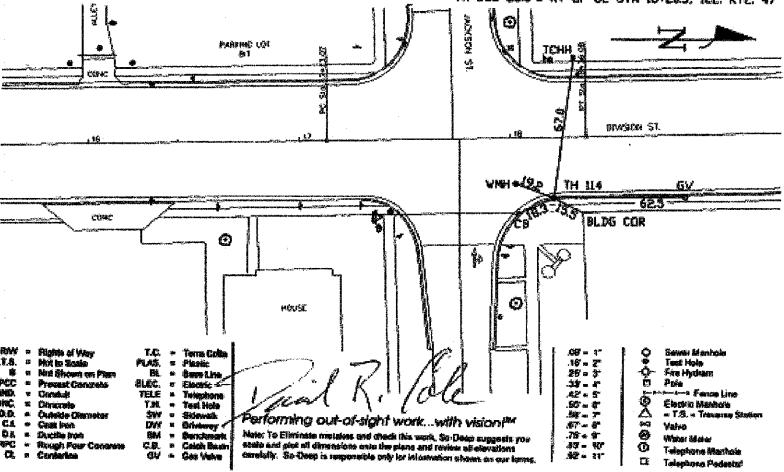
Field Condition CONCRETE CURB

T.H. tied to CHIS "X"

8" D.I. WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- | | | |
|---------------------------|--------------------|--------------------------|
| R/W = Right of Way | T.C. = Terra Cotta | SP - 1" = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | TH = Test Hole |
| # = Not Shown on Plan | BL = Base Line | FL = Fire Hydrant |
| PC = Precast Concrete | ELC = Electric | PS = Pole |
| CONC. = Concrete | TELE = Telephone | FL = Fence Line |
| O.D. = Outside Diameter | T.H. = Test Hole | EM = Electric Manhole |
| CL = Cast Iron | SW = Street | T.S. = Telephone Station |
| DL = Ductile Iron | DM = Driveway | W = Water |
| RFC = Rough-Pour Concrete | BM = Benchmark | TM = Telephone Manhole |
| CL = Corbel/curb | C.B. = Catch Basin | GV = Gas Valve |
| | GV = Gas Valve | |

Performing out-of-sight work...with vision!SM
Note: To eliminate mistakes and check this work, So-Deep suggests you note and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Conrad # 818433
Test Hole # 115
Plan Scale 1"=50'
Sheet # 3
GRADE CHANGE
Proposed Date JULY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST JUST NORTH OF JACKSON ST
Recorded Size/Material/Type 8-WAY LINK, TYPE (AT&T) TELE DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work NO PAVING

B.M. 1 Elev. = 528.87
is GIVEN
B.M. 2 Elev. = 528.89
is GIVEN

Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37'± LT OF STA. 13+52.3, DIVISION ST.
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40'± RT OF STA. 21+33.2, DIVISION ST.

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

Benchmarks check BY G&T
Elevations are referenced to B.M.#1

Recorded Size/Type of utility WAS FOUND

There WERE 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 MORTY SAND

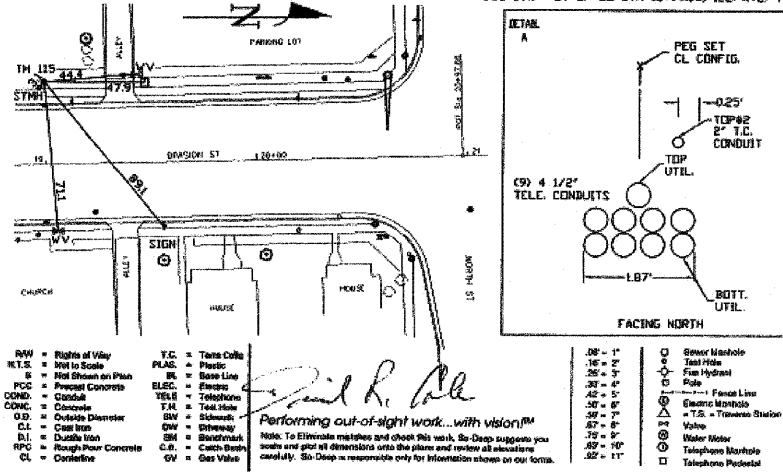
Field Condition GRASS RW

T.H. tied to PEG

(9) 4 1/2" PLA. (AT&T) TELE CONDUITS 1.11" M"
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
N/A

Remarks: ALSO FOUND IN TEST HOLE A 3" STEEL (DOT) TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL TO THE 9 TELE CONDUITS.
TELE DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- | | | |
|---------------------------|--------------------|--------------------------|
| R/W = Right of Way | T.C. = Terra Cotta | SP - 1" = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | TH = Test Hole |
| # = Not Shown on Plan | BL = Base Line | FL = Fire Hydrant |
| PC = Precast Concrete | ELC = Electric | PS = Pole |
| CONC. = Concrete | TELE = Telephone | FL = Fence Line |
| O.D. = Outside Diameter | T.H. = Test Hole | EM = Electric Manhole |
| CL = Cast Iron | SW = Street | T.S. = Telephone Station |
| DL = Ductile Iron | DM = Driveway | W = Water |
| RFC = Rough-Pour Concrete | BM = Benchmark | TM = Telephone Manhole |
| CL = Corbel/curb | C.B. = Catch Basin | GV = Gas Valve |
| | GV = Gas Valve | |

Performing out-of-sight work...with vision!SM
Note: To eliminate mistakes and check this work, So-Deep suggests you note and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

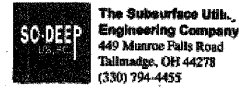
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY
ENGINEERING
TEST HOLES

SCALE: NONE
DATE: 09/2007

DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-L
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



So-Deep Test Hole Certification Form

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SB.B433
Test Hole # 118
Plan Scale 1"=20'
Sheet # 3
Proposed CURB & GUTTER
Date JULY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST JUST NORTH OF JACKSON ST
Recorded Size/Material/Type 4" LINE, TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 218 / P. REYNOLDS

Condition of paving prior to work NO PAVING

B.M. 1 Elev. = 624.81'
is GIVEN Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37s
LT OF STA. 19+87.2, DIVISION ST.
B.M. 2 Elev. = 628.59'
is GIVEN Description: (BM #104) CHS "X" FOUND NE CAP BOLT OF
P.H., 40s RT OF STA. 21+33.2, DIVISION ST.

SO-DEEP will attempt to use the BMM most applicable to your design. If however, this differs by more than .05, resulting differences could cause design conflicts.

Benchmarks check BY 0.02'
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 BLUE

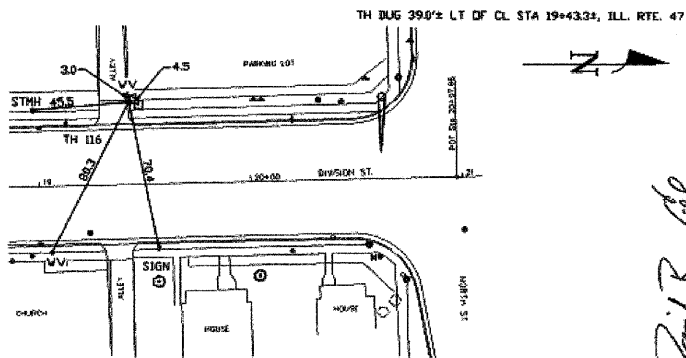
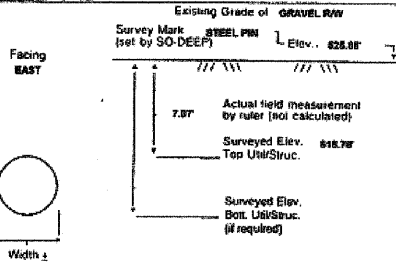
Soil Type WET SAND & ROCK

Field Condition GRAVEL SHOULDER

T.H. tied to STEEL PIN

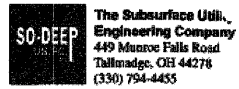
2" CORRUGATED METALLIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement.

Remarks: THE CREW COULD NOT OBTAIN AN ACCURATE O.D. MEASUREMENT DUE TO COPOLUS AMOUNTS OF WATER UNSTABLE GROUND CONDITIONS IN THE TEST HOLE. TOP SIDE SURVEY, UTILITY RECORDS RESEARCH & ELECTRONIC DESIGNATING ALL INDICATE THE T.H. WAS DUG ON THE CORRECT UTILITY.



- | | | | |
|------------------------------|--------------------|-----------|---------------------------|
| NW = Right of Way | T.C. = Terra Cotta | 38" - 1" | ○ Sewer Manhole |
| N.T.S. = Not to Scale | PLAS = Plastic | 36" - 2" | ○ Test Hole |
| # = Not Shown on Plan | BL = Base Line | 34" - 3" | ○ Fire Hydrant |
| POC = Precast Concrete | ELEC = Electric | 32" - 4" | ○ Pole |
| COND. = Conduit | TELE = Telephone | 30" - 5" | ○ Fence Line |
| CONC. = Concrete | T.H. = Test Hole | 28" - 6" | ○ Electric Manhole |
| O.D. = Outside Diameter | DIV = Ditchmark | 26" - 7" | ○ T.S. = Transfer Station |
| C.I. = Cast Iron | DIV = Ditchmark | 24" - 8" | ○ Valve |
| D.I. = Ductile Iron | BM = Benchmark | 22" - 9" | ○ Water Meter |
| RPC = Rough/Precast Concrete | C.B. = Catch Basin | 20" - 10" | ○ Telephone Manhole |
| CL = Centerline | GV = Gas Valve | 18" - 11" | □ Telephone Pedestal |

Performing out-of-sight work...with vision!SM
Note: To Eliminate mistakes and check this work, So-Deep suggests you look and put all dimensions over the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.



So-Deep Test Hole Certification Form

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SB.B433
Test Hole # 117
Plan Scale 1"=20'
Sheet # 3
Proposed GRADE CHANGE
Date JULY 11, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NW CORNER OF NORTH ST & DIVISION ST
Recorded Size/Material/Type 4" LINE, TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 218 / P. REYNOLDS

Condition of paving prior to work ASPHALT ROWY IN GOOD CONDITION

B.M. 1 Elev. = 628.89'
is GIVEN Description: (BM #104) CHS "X" FOUND NE CAP BOLT OF P.H.,
40s RT OF STA. 21+33.2, DIVISION ST.
B.M. 2 Elev. = 628.19'
is GIVEN Description: (BM #103) TOP OF NAIL FOUND IN L.P., 40s LT OF
STA. 24+79.2, DIVISION ST.

SO-DEEP will attempt to use the BMM most applicable to your design. If however, this differs by more than .05, resulting differences could cause design conflicts.

Benchmarks check BY 0.02'
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 18" ASPHALT

Color of ribbon installed BLUE

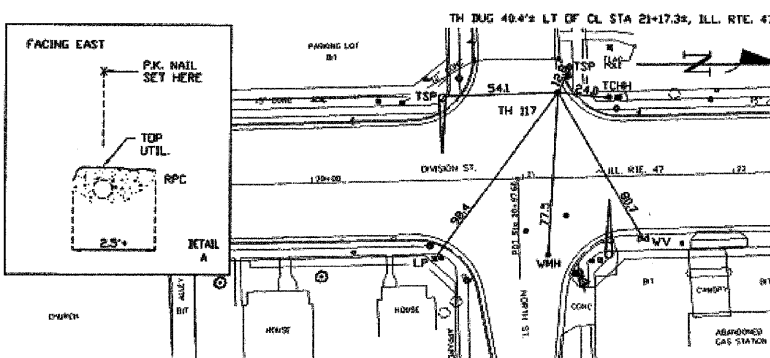
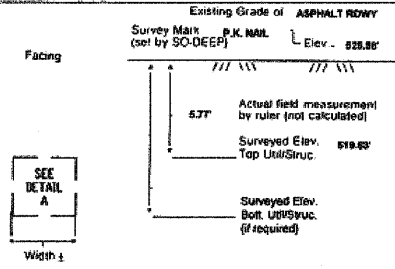
Soil Type WET SAND & DEBRIS

Field Condition MODERATE RD TRAFFIC

T.H. tied to P.K. NAIL

2.5" RPC
Size/Material/Type
Portion of pipe exposed for O.D. measurement.

Remarks: THE CREW COULD NOT OBTAIN AN ACCURATE OR OR O.D. MEASUREMENT DUE TO THE 4" WATER LINE BEING EMBEDDED OR LYING DIRECTLY BENEATH THE 2.5" RPC.



- | | | | |
|------------------------------|--------------------|-----------|---------------------------|
| NW = Right of Way | T.C. = Terra Cotta | 38" - 1" | ○ Sewer Manhole |
| N.T.S. = Not to Scale | PLAS = Plastic | 36" - 2" | ○ Test Hole |
| # = Not Shown on Plan | BL = Base Line | 34" - 3" | ○ Fire Hydrant |
| POC = Precast Concrete | ELEC = Electric | 32" - 4" | ○ Pole |
| COND. = Conduit | TELE = Telephone | 30" - 5" | ○ Fence Line |
| CONC. = Concrete | T.H. = Test Hole | 28" - 6" | ○ Electric Manhole |
| O.D. = Outside Diameter | DIV = Ditchmark | 26" - 7" | ○ T.S. = Transfer Station |
| C.I. = Cast Iron | DIV = Ditchmark | 24" - 8" | ○ Valve |
| D.I. = Ductile Iron | BM = Benchmark | 22" - 9" | ○ Water Meter |
| RPC = Rough/Precast Concrete | C.B. = Catch Basin | 20" - 10" | ○ Telephone Manhole |
| CL = Centerline | GV = Gas Valve | 18" - 11" | □ Telephone Pedestal |

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So-Deep Test Hole Certification Form

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SB.B433
Test Hole # 118
Plan Scale 1"=20'
Sheet # 3
Proposed CURB & GUTTER
Date JULY 11, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NW CORNER OF NORTH ST & DIVISION ST
Recorded Size/Material/Type 2" PLASTIC (NORC) GAS LINE
Foreman/Truck/Form By J. CLINE / 218 / P. REYNOLDS

Condition of paving prior to work ASPHALT ROWY IN GOOD CONDITION

B.M. 1 Elev. = 628.89'
is GIVEN Description: (BM #104) CHS "X" FOUND NE CAP BOLT OF P.H.,
40s RT OF STA. 21+33.2, DIVISION ST.
B.M. 2 Elev. = 628.19'
is GIVEN Description: (BM #103) TOP OF NAIL FOUND IN L.P., 40s LT OF
STA. 24+79.2, DIVISION ST.

SO-DEEP will attempt to use the BMM most applicable to your design. If however, this differs by more than .05, resulting differences could cause design conflicts.

Benchmarks check BY 0.02'
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 18" ASPHALT

Color of ribbon installed YELLOW

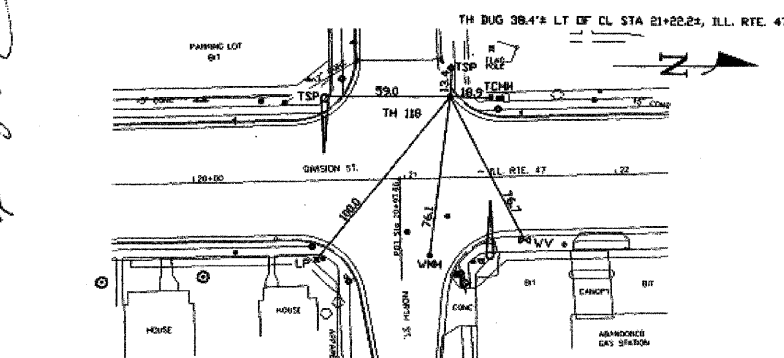
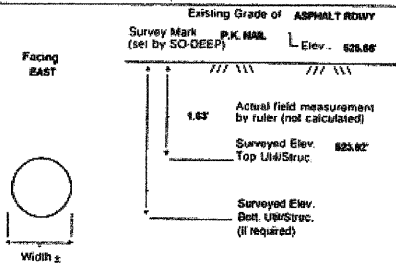
Soil Type MOST BROWN

Field Condition MODERATE RD TRAFFIC

T.H. tied to P.K. NAIL

2 1/2" PLASTIC (NORC) GAS LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement.

Remarks: NONE



- | | | | |
|------------------------------|--------------------|-----------|---------------------------|
| NW = Right of Way | T.C. = Terra Cotta | 38" - 1" | ○ Sewer Manhole |
| N.T.S. = Not to Scale | PLAS = Plastic | 36" - 2" | ○ Test Hole |
| # = Not Shown on Plan | BL = Base Line | 34" - 3" | ○ Fire Hydrant |
| POC = Precast Concrete | ELEC = Electric | 32" - 4" | ○ Pole |
| COND. = Conduit | TELE = Telephone | 30" - 5" | ○ Fence Line |
| CONC. = Concrete | T.H. = Test Hole | 28" - 6" | ○ Electric Manhole |
| O.D. = Outside Diameter | DIV = Ditchmark | 26" - 7" | ○ T.S. = Transfer Station |
| C.I. = Cast Iron | DIV = Ditchmark | 24" - 8" | ○ Valve |
| D.I. = Ductile Iron | BM = Benchmark | 22" - 9" | ○ Water Meter |
| RPC = Rough/Precast Concrete | C.B. = Catch Basin | 20" - 10" | ○ Telephone Manhole |
| CL = Centerline | GV = Gas Valve | 18" - 11" | □ Telephone Pedestal |

Performing out-of-sight work...with vision!SM
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-M
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 818433
Test Hole # 113
Plan Scale 1"=30'
Sheet # 3
Proposed Date GRADE CHANGE
JULY 17, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST @ ALLEY BTWN NORTH & CHAPIN
Recorded Size/Material/Type 8-WAY UNK. TYPE (AT&T) TELE DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work ASPHALT RDWAY IN GOOD CONDITION

B.M. 1 Elev. = 828.70
is GIVEN
Description: (BM #108) TOP OF SURVEY NAIL FOUND, @ STA. 28+18.2, DIVISION ST.
B.M. 2 Elev. = 828.55
is GIVEN
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40 1/2 RT OF STA. 21+33.2, DIVISION ST.

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

Benchmarks check BY GDT
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

There WERE additional utilities in the test hole

The utility WAS in good condition.

Paving Thickness and type 18 1/2" ASPHALT

Color of ribbon installed ORANGE

Soil Type MOIST SAND

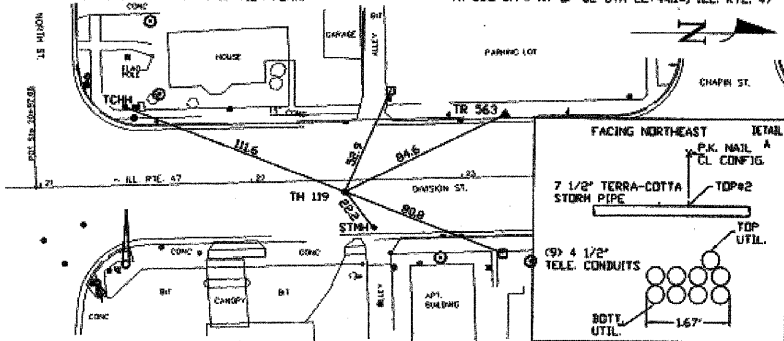
Field Condition HEAVY RD. TRAFFIC

T.H. tied to P.K. NAIL

18 1/2" P.L.A. (AT&T) TELE. CONDUITS 0.947"
Size/Material/Type
Portion of pipe exposed for O.D. measurement.
OTHER, (SEE REMARKS)

Remarks: ALSO FOUND IN TEST HOLE A 1 1/2" TERRA-COTTA (LDDT) STORM PIPE RUNNING ABOVE & PERPENDICULAR TO THE (8) TELE CONDUITS. TELE DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED IN THIS CERTIFICATION FORM.



- | | | | | | | | | | | | | | | | | | | |
|--------------------|-----------------------|-----------------------|------------------|-------------------------|------------------|---------------------|---------------------------|-----------------|--------------------|-----------------|-----------------|------------------|-------------------|------------------|------------|------------------|--------------------|-------------------------|
| R/W = Right of Way | N.T.S. = Not to Scale | PC = Precast Concrete | CONC. = Concrete | C.D. = Outside Diameter | C.I. = Cast Iron | D.I. = Ductile Iron | RPC = Rough-Pour Concrete | CL = Centerline | F.C. = Terra Cotta | PLAS. = Plastic | BL. = Base Line | ELEC. = Electric | TELE. = Telephone | T.H. = Test Hole | SW = Sewer | WV = Water Valve | W.M. = Water Meter | TP = Telephone Pedestal |
| 18" - 1" | 18" - 2" | 18" - 3" | 18" - 4" | 18" - 5" | 18" - 6" | 18" - 7" | 18" - 8" | 18" - 9" | 18" - 10" | 18" - 11" | 18" - 12" | 18" - 13" | 18" - 14" | 18" - 15" | 18" - 16" | 18" - 17" | 18" - 18" | 18" - 19" |

Performing out-of-sight work...with vision!
Note: To eliminate mistakes and check this work, So-Deep suggests you make and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 818433
Test Hole # 120
Plan Scale 1"=30'
Sheet # 3
Proposed Date CURB & GUTTER
JULY 17, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST @ ALLEY BTWN NORTH & CHAPIN
Recorded Size/Material/Type UNK. SIZE & TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work CONC. APRON IN GOOD CONDITION

B.M. 1 Elev. = 828.50
is GIVEN
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40 1/2 RT OF STA. 21+33.2, DIVISION ST.
B.M. 2 Elev. = 826.15
is GIVEN
Description: (BM #103) TOP OF NAIL FOUND IN L.P., 40 1/2 LT OF STA. 21+78.2, DIVISION ST.

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

Benchmarks check BY GDT
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 1" CONCRETE

Color of ribbon installed BLUE

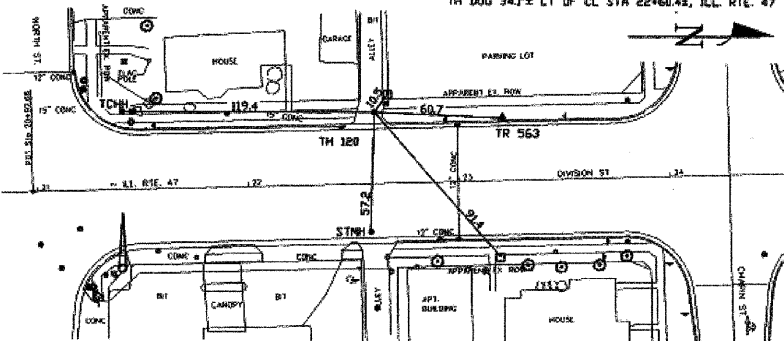
Soil Type WET SAND & ROCK

Field Condition CONC. APRON

T.H. tied to CHIS "X"

2 1/2" CORRODED METALLIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement.
FULL

Remarks: NOTE: THIS 2 1/2" WATER LINE WAS FOUND CORRODED AT THIS LOCATION.



- | | | | | | | | | | | | | | | | | | | |
|--------------------|-----------------------|-----------------------|------------------|-------------------------|------------------|---------------------|---------------------------|-----------------|--------------------|-----------------|-----------------|------------------|-------------------|------------------|------------|------------------|--------------------|-------------------------|
| R/W = Right of Way | N.T.S. = Not to Scale | PC = Precast Concrete | CONC. = Concrete | C.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 = Sewer | WV = Water Valve | W.M. = Water Meter | TP = Telephone Pedestal |
| 18" - 1" | 18" - 2" | 18" - 3" | 18" - 4" | 18" - 5" | 18" - 6" | 18" - 7" | 18" - 8" | 18" - 9" | 18" - 10" | 18" - 11" | 18" - 12" | 18" - 13" | 18" - 14" | 18" - 15" | 18" - 16" | 18" - 17" | 18" - 18" | 18" - 19" |

Performing out-of-sight work...with vision!
Note: To eliminate mistakes and check this work, So-Deep suggests you make and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 818433
Test Hole # 123
Plan Scale 1"=30'
Sheet # 3
Proposed Date GRADE CHANGE
JULY 16, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST SOUTH OF CHAPIN ST
Recorded Size/Material/Type 8" UNK. TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work ASPHALT RDWAY IN GOOD CONDITION

B.M. 1 Elev. = 828.70
is GIVEN
Description: (BM #108) TOP OF SURVEY NAIL FOUND, @ STA. 28+18.2, DIVISION ST.
B.M. 2 Elev. = 828.55
is GIVEN
Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF P.H., 40 1/2 RT OF STA. 21+33.2, DIVISION ST.

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

Benchmarks check BY GDT
Elevations are referenced to B.M.#2

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 24" ASPHALT

Color of ribbon installed BLUE

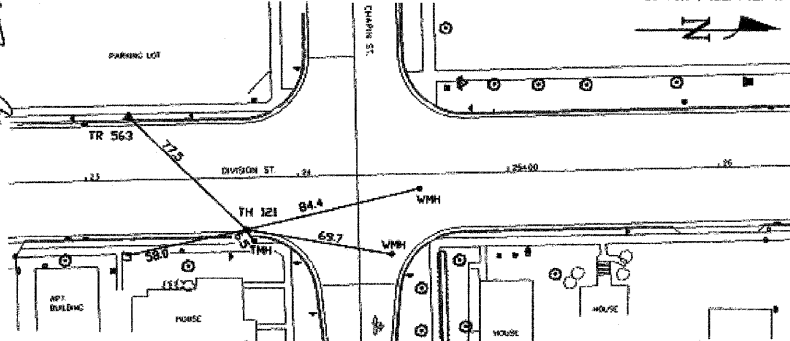
Soil Type MOIST SAND

Field Condition HEAVY RD. TRAFFIC

T.H. tied to P.K. NAIL

8 3/4" D.I. (C.O.M.) WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement.
FULL

Remarks: NONE



- | | | | | | | | | | | | | | | | | | | |
|--------------------|-----------------------|-----------------------|------------------|-------------------------|------------------|---------------------|---------------------------|-----------------|--------------------|-----------------|-----------------|------------------|-------------------|------------------|------------|------------------|--------------------|-------------------------|
| R/W = Right of Way | N.T.S. = Not to Scale | PC = Precast Concrete | CONC. = Concrete | C.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 = Sewer | WV = Water Valve | W.M. = Water Meter | TP = Telephone Pedestal |
| 18" - 1" | 18" - 2" | 18" - 3" | 18" - 4" | 18" - 5" | 18" - 6" | 18" - 7" | 18" - 8" | 18" - 9" | 18" - 10" | 18" - 11" | 18" - 12" | 18" - 13" | 18" - 14" | 18" - 15" | 18" - 16" | 18" - 17" | 18" - 18" | 18" - 19" |

Performing out-of-sight work...with vision!
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. SECTION COUNTY TOTAL SHEET
326 (111CS) W&RS-21 GRUNDY 85 85-N
STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 8L8433
Test Hole # 123
Plan Scale 1"=20'
Sheet # 3
Processed Date GRADE CHANGE JULY 16, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST SOUTH OF CHAPIN ST
Recorded Size/Material/Type 12" X 6" PRECAST CEMENT TILE VAULT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

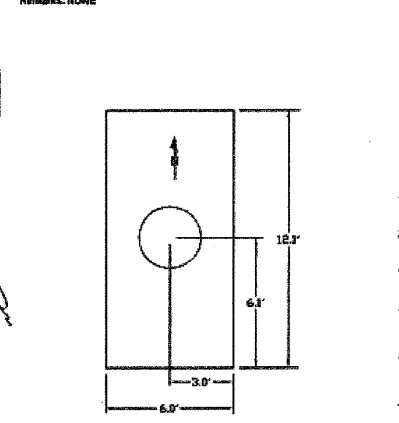
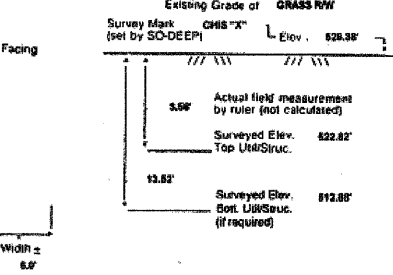
Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 628.70
is GIVEN Description: (BM #103) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.6, DIVISION ST.
B.M. 2 Elev. = 628.85
is GIVEN Description: (BM #104) CHIS "X" FOUND NE CAP BOLT OF F.H., 40' RT OF STA. 21+33.2, DIVISION ST.

SO-DEEP will attempt to use the BIM that most applies to your design. If however, BIMs differ by more than .25', resulting differences could cause design conflicts.

Benchmarks check BY G&P
Elevations are referenced to B.M.#2
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 NA
Field Condition GRASS RW
T.H. tied to CHS "X" ON RIM

12" X 6" PRECAST CEMENT TILE VAULT
Size/Material/Type
Position of pipe exposed for O.D. measurement
OTHER: (SEE REMARKS)
Remarks: NONE



- RTW = Right of Way
- N.T.S. = Not to Scale
- PLAS = Plastic
- CONC. = Concrete
- COND. = Condition
- CL = Cast Iron
- DL = Ductile Iron
- APC = Rough Pour Concrete
- CL = Cast Iron
- T.C. = Trench Collar
- PLAS = Plastic
- EL = Base Line
- ELEC. = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Sewer
- DRW = Driveway
- SM = Storm
- CB = Catch Basin
- GV = Gas Valve
- SW = Sewer Manhole
- TH = Test Hole
- FL = Fire Hydrant
- PA = Pole
- EL = Electric Manhole
- TS = Trench Station
- VA = Valve
- WM = Water Meter
- TM = Telephone Manhole
- TP = Telephone Pedestal

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SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 8L8433
Test Hole # 123
Plan Scale 1"=20'
Sheet # 3
Processed Date CURB & GUTTER JULY 16, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NE CORNER OF CHAPIN ST & DIVISION ST
Recorded Size/Material/Type 6" STEEL (NICOR) GAS LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

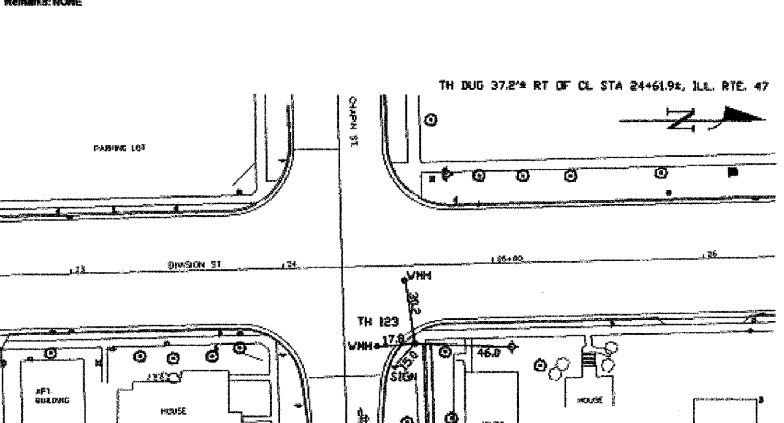
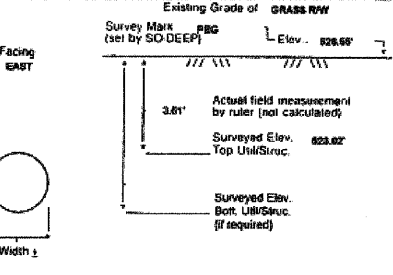
Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 628.70
is GIVEN Description: (BM #103) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.6, DIVISION ST.
B.M. 2 Elev. = 628.85
is GIVEN Description: (BM #104) CHS "X" FOUND NE CAP BOLT OF F.H., 40' RT OF STA. 21+33.2, DIVISION ST.

SO-DEEP will attempt to use the BIM that most applies to your design. If however, BIMs differ by more than .25', resulting differences could cause design conflicts.

Benchmarks check BY G&P
Elevations are referenced to B.M.#2
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 YELLOW
Soil Type MOIST SAND
Field Condition GRASS RW
T.H. tied to PEG

6" COATED STEEL (NICOR) GAS LINE
Size/Material/Type
Position of pipe exposed for O.D. measurement
FULL
Remarks: NONE



- RTW = Right of Way
- N.T.S. = Not to Scale
- PLAS = Plastic
- CONC. = Concrete
- COND. = Condition
- CL = Cast Iron
- DL = Ductile Iron
- APC = Rough Pour Concrete
- CL = Cast Iron
- T.C. = Trench Collar
- PLAS = Plastic
- EL = Base Line
- ELEC. = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Sewer
- DRW = Driveway
- SM = Storm
- CB = Catch Basin
- GV = Gas Valve
- SW = Sewer Manhole
- TH = Test Hole
- FL = Fire Hydrant
- PA = Pole
- EL = Electric Manhole
- TS = Trench Station
- VA = Valve
- WM = Water Meter
- TM = Telephone Manhole
- TP = Telephone Pedestal

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The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 8L8433
Test Hole # 124
Plan Scale 1"=20'
Sheet # 4
Processed Date CURB & GUTTER JULY 16, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST SOUTH OF BENTON ST
Recorded Size/Material/Type 2" COPPER (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

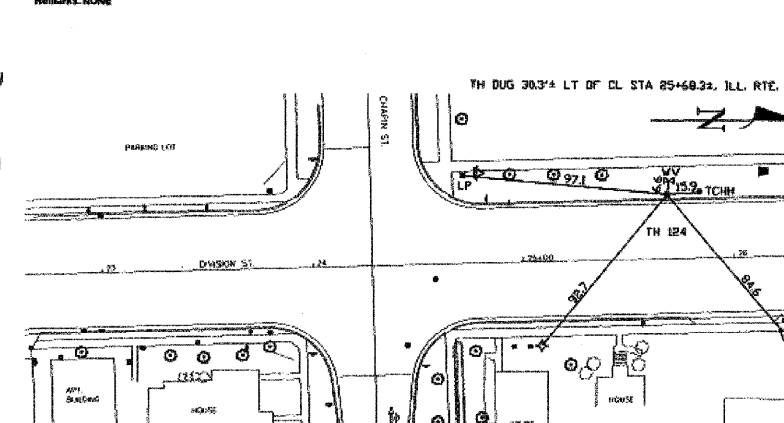
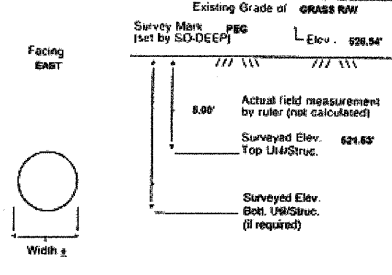
Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 628.70
is GIVEN Description: (BM #103) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.6, DIVISION ST.
B.M. 2 Elev. = 628.85
is GIVEN Description: (BM #104) CHS "X" FOUND NE CAP BOLT OF F.H., 40' RT OF STA. 21+33.2, DIVISION ST.

SO-DEEP will attempt to use the BIM that most applies to your design. If however, BIMs differ by more than .25', resulting differences could cause design conflicts.

Benchmarks check BY G&P
Elevations are referenced to B.M.#2
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 BLUE
Soil Type MOIST SAND
Field Condition GRASS RW
T.H. tied to PEG

2" COPPER (C.O.M.) WATER LINE
Size/Material/Type
Position of pipe exposed for O.D. measurement
FULL
Remarks: NONE



- RTW = Right of Way
- N.T.S. = Not to Scale
- PLAS = Plastic
- CONC. = Concrete
- COND. = Condition
- CL = Cast Iron
- DL = Ductile Iron
- APC = Rough Pour Concrete
- CL = Cast Iron
- T.C. = Trench Collar
- PLAS = Plastic
- EL = Base Line
- ELEC. = Electric
- TELE = Telephone
- T.H. = Test Hole
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- WM = Water Meter
- TM = Telephone Manhole
- TP = Telephone Pedestal

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-0
STA. TO STA.			FED. AID PROJECT	
FED. ROAD DIST. NO. ILLINOIS				



The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # **SLB433**
Test Hole # **125**
Plan Scale **1"=20'**
Sheet # **4**
Proposed **CURB & CUTTER**
Date **JULY 10, 2000**

City, County, State **CITY OF MORRIS, IL**
Gen. Loc. **DIVISION ST SOUTH OF BENTON ST**
Recorded Size/Material/Type **2" STEEL (NICOR) GAS LINE**
Foreman/Truck/Form By **J. CLINE / 219 / P. REYNOLDS**

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = **528.70** Description: **(BM #109) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.8, DIVISION ST.**
is **GIVEN**
B.M. 2 Elev. = **528.88** Description: **(BM #104) CHIB "X" FOUND NE CAP BOLT OF F.H., 40' RT OF STA. 21+33.2, DIVISION ST.**
is **GIVEN**

Benchmarks check **BY GMP**
Elevations are referenced to **B.M.#2**

Recorded Size/Type of utility **WAS FOUND**

There **WERE** additional utilities in the test hole.

The utility **WAS** in good condition.

Paving Thickness and type **NO PAVING**

Color of ribbon installed **YELLOW**

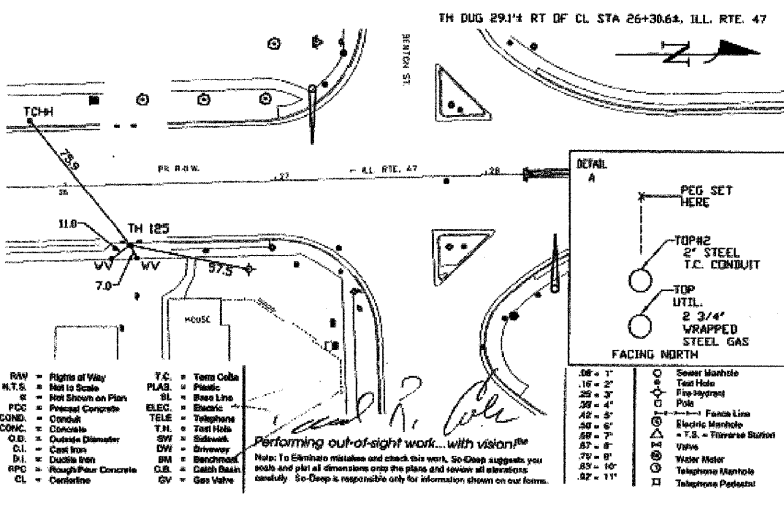
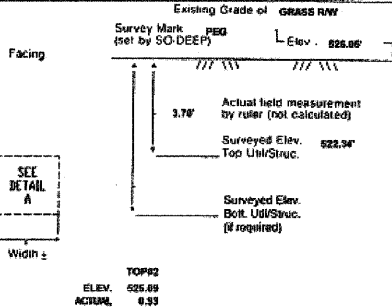
Soil Type **MOIST SAND**

Field Condition **GRASS RW**

T.H. led to **PEG**

2 3/4" WRAPPED STEEL (NICOR) GAS LINE @ D.E.
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

Remarks: **"ALSO FOUND BY TEST HOLE A 2" STEEL (DOT) TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL TO THE 2 3/4" GAS LINE.**



So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # **SLB433**
Test Hole # **125**
Plan Scale **1"=20'**
Sheet # **4**
Proposed **GRADE CHANGE**
Date **JULY 10, 2000**

City, County, State **CITY OF MORRIS, IL**
Gen. Loc. **DIVISION ST SOUTH OF BENTON ST**
Recorded Size/Material/Type **8" UNK TYPE (C.O.M.) WATER LINE**
Foreman/Truck/Form By **J. CLINE / 219 / P. REYNOLDS**

Condition of paving prior to work
CONC. SW IN GOOD CONDITION

B.M. 1 Elev. = **528.70** Description: **(BM #109) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.8, DIVISION ST.**
is **GIVEN**
B.M. 2 Elev. = **528.88** Description: **(BM #104) CHIB "X" FOUND NE CAP BOLT OF F.H., 40' RT OF STA. 21+33.2, DIVISION ST.**
is **GIVEN**

Benchmarks check **BY GMP**
Elevations are referenced to **B.M.#2**

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 **4" CONCRETE**

Color of ribbon installed **BLUE**

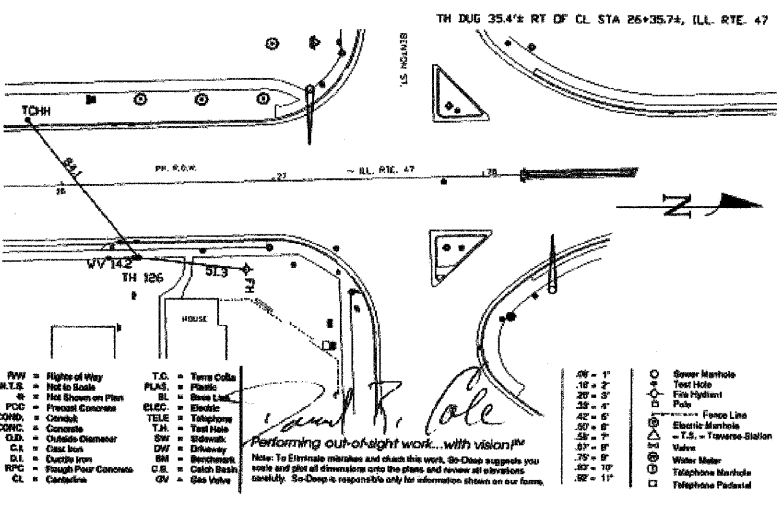
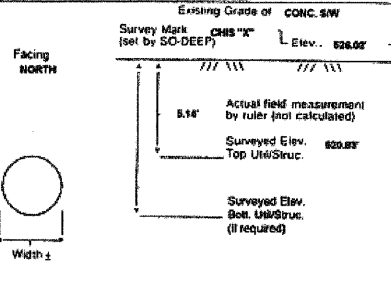
Soil Type **MOIST SAND**

Field Condition **CONC. SW**

T.H. led to **CHIB "X"**

3 3/4" D.I. (C.O.M.) WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

Remarks: **NONE**



So-Deep Test Hole Certification Form

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8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # **SLB433**
Test Hole # **125**
Plan Scale **1"=20'**
Sheet # **3**
Proposed **GRADE CHANGE**
Date **JULY 10, 2000**

City, County, State **CITY OF MORRIS, IL**
Gen. Loc. **DIVISION ST SOUTH OF CHAPIN ST**
Recorded Size/Material/Type **8-WAY UNK. TYPE (AT&T) TELE DUCT**
Foreman/Truck/Form By **J. CLINE / 219 / P. REYNOLDS**

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = **529.70** Description: **(BM #108) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.8, DIVISION ST.**
is **GIVEN**
B.M. 2 Elev. = **528.88** Description: **(BM #104) CHIB "X" FOUND NE CAP BOLT OF F.H., 40' RT OF STA. 21+33.2, DIVISION ST.**
is **GIVEN**

Benchmarks check **BY GMP**
Elevations are referenced to **B.M.#2**

Recorded Size/Type of utility **WAS FOUND**

There **WERE** additional utilities in the test hole.

The utility **WAS** in good condition.

Paving Thickness and type **NO PAVING**

Color of ribbon installed **ORANGE**

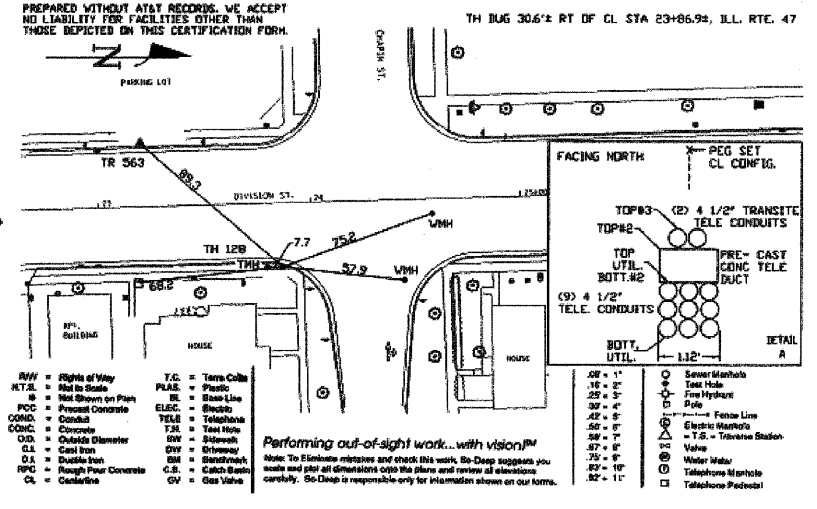
Soil Type **MOIST SAND**

Field Condition **GRASS RW**

T.H. led to **PEG**

1 1/2" P.L. (AT&T) TELE. CONDUITS 1.12"
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

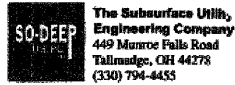
Remarks: **"ALSO FOUND BY TEST HOLE A 1.12" PRE-CAST CONCRETE (AT&T) TELE DUCT, (2) 4 1/2" TRANSITE (AT&T) TELE CONDUITS, RR #4 WAS TAKEN ON THE NORTHERN MOST EDGE OF THE TELEPHONE VAULT. TELE DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KKH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-P
STA. TO STA.		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		



The Subsurface Utility Engineering Company
449 Marrow Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005

Contract # 98.0455
Test Hole # 528
Plan Scale 1"=20'
Sheet # 3
Proposed Date GRADE CHANGE
JULY 16, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST SOUTH OF CHAPIN ST
Recorded Size/Material/Type 8-WAY UNK. TYPE (AT&T) TELE DUCT
Foreman/Trucker/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 528.70' Description: (BM #109) TOP OF SURVEY NAIL FOUND, @ STA. 28+19.6, DIVISION ST.

B.M. 2 Elev. = 528.89' Description: (BM #104) CMS "X" FOUND NE CAP BOLT OF P.H., 41'2" RT OF STA. 21+33.2, DIVISION ST.

SO-DEEP will attempt to use the SMITH test applicable to your design. If however, SMAs differ by more than .05', resulting differences could cause design conflicts.

Benchmarks check BY 8&F
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

There WERE 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 SAND

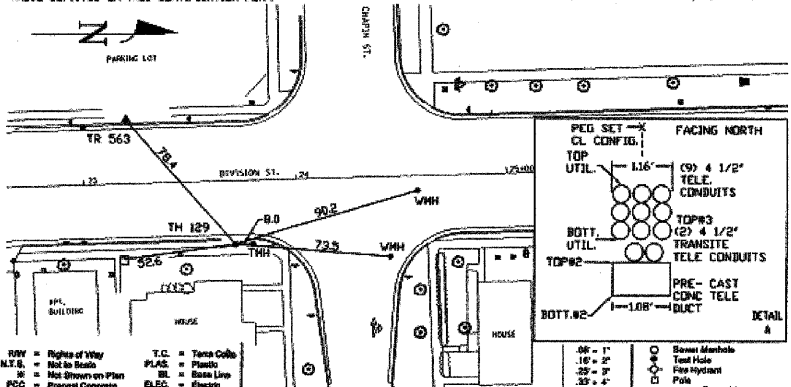
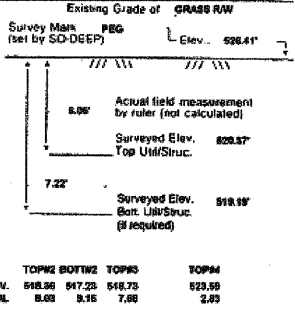
Field Condition GRASS R/W

T.H. tied to PEG

"(2) 4 1/2" PLA (AT&T) TELE. CONDUITS 1.18" H.
Size/Material/Type
Portion of pipe exposed for D.D. measurement:
OTHER (SEE REMARKS)

Remarks: "ALSO FOUND IN TEST HOLE A 1.18" H PRE-CAST CONCRETE (AT&T) TELE DUCT, (2) 4 1/2" TRANSMITTE (AT&T) TELE CONDUITS. RR #4 WAS TAKEN ON THE SOUTHERN MOST EDGE OF THE TELEPHONE VAULT. TELE DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- | | | | |
|---|---|---|--|
| <ul style="list-style-type: none"> HWY = Right of Way M.S. = Not to Scale W = Not Shown on Plan PCO = Precast Concrete CONC. = Concrete O.D. = Outside Diameter C.I. = Cast Iron DL = Ductile Iron MPC = Rough Pipe Concrete CL = Cast Iron | <ul style="list-style-type: none"> T.C. = Trench Collar PLAS. = Plastic BL = Base Line ELCC. = Electric TELE. = Telephone T.H. = Test Hole SH = Sewer DW = Driveway SM = Sewer Manhole C.B. = Catch Basin GV = Gas Valve | <ul style="list-style-type: none"> 88 - 1" 16 - 2" 20 - 2" 25 - 2" 35 - 2" 42 - 2" 50 - 2" 60 - 2" 67 - 2" 75 - 2" 83 - 2" 88 - 11" | <ul style="list-style-type: none"> ○ = Sewer Manhole ● = Test Hole □ = Fire Hydrant ○ = Pole ○ = Electric Manhole ○ = T.S. = Trench 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 audit and plot all dimensions onto the plans and review all elevations carefully. SO-DEEP is responsible only for information shown on our forms.

REVISIONS	
NAME	DATE

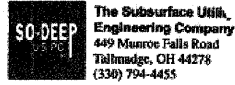
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY
ENGINEERING
TEST HOLES

SCALE: NONE
DATE: 09/2007

DRAWN BY: KIH
CHECKED BY: FML

F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.
326 (111CS) W&RS-21 GRUNDY 85 85-A
STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

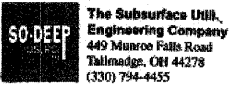


So-Deep Test Hole Certification Form

The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tillamode, OH 44278
(330) 794-4455

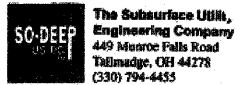
So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005

So-Deep Test Hole Certification Form



The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tillamode, OH 44278
(330) 794-4455

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
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So-Deep Test Hole Certification Form

The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tillamode, OH 44278
(330) 794-4455

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005

City, County, State CITY OF MORRIS, IL
Gen. Loc. NW CORNER DIVISION ST. & JEFFERSON ST.
Recorded Size/Type of Utility 18" DIA. 12" DEPT. (AT&T) F.O. TELE DUCT
Foreman/Truck/By J. CLINE / 219 / P. REYNOLDS

B.M. 1 Elev. = 524.81' IS GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND, IN L.P., 37' LT OF CL STA 13+97.2, ILL. RTE. 47

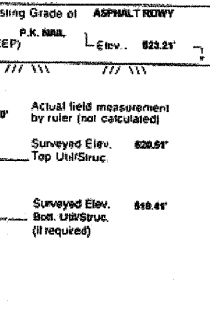
B.M. 2 Elev. = 528.18' IS GIVEN
Description: (BM #103) TOP OF NAIL FOUND, IN L.P., 43' LT OF CL STA 18+00.2, ILL. RTE. 47

SO-DEEP will attempt to use the B.M. #102 most applicable to your design. If however, B.M. #103 is more than 100' away, different design criteria should be used.

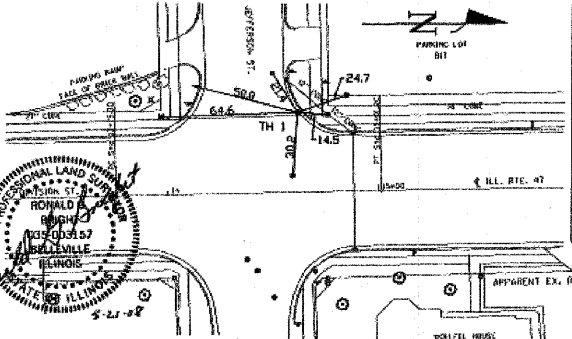
Recorded Size/Type of Utility WAS FOUND
There WERE NOT additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type 4 1/2" ASPHALT
Color of ribbon installed ORANGE
Soil Type MOIST SAND
Field Condition LIGHT ROAD TRAFFIC
T.H. tied to P.K. NAIL

1.14" PRECAST CEMENT (AT&T) F.O. TELE DUCT
Size/Type of Utility 18" DIA. 12" DEPT. (AT&T) F.O. TELE DUCT
Portion of pipe exposed for O.D. measurement
NONE

Remarks: NOTE: R.R. TOP #2 WAS TAKEN ON TOP OF A 2 1/2" X 3" WOOD BOARD LYING ON TOP OF THE PRECAST CEMENT TELE. DUCT.



PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- R/W = Right of Way
- NTS = Not to Scale
- PCC = Precast Concrete
- CONC. = Concrete
- CONC. = Concrete
- O.D. = Outside Diameter
- CL = Cast Iron
- D.I. = Ductile Iron
- R/PVC = Rough Pvc Concrete
- CL = Concrete
- T.C. = Trench Cable
- PLAS. = Plastic
- BL = Base Line
- ELEC. = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Sewer
- DW = Down
- BM = Benchmark
- C.B. = Catch Basin
- GV = Gas Valve
- Sewer Manhole
- Test Hole
- Fire Hydrant
- Pole
- Electric Manhole
- T.S. = Traverse Station
- Valve
- Water Meter
- Telephone Manhole
- Telephone Pedestal

Performing out-of-sight work...with vision!SM
Note: To Eliminate mistakes and check this work, So-Deep suggests you walk and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST., JUST N OF JEFFERSON ST.
Recorded Size/Type of Utility 8" DIA. 12" DEPT. (AT&T) F.O. TELE DUCT
Foreman/Truck/By J. CLINE / 219 / P. REYNOLDS

B.M. 1 Elev. = 524.81' IS GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND, IN L.P., 37' LT OF CL STA 13+97.2, ILL. RTE. 47

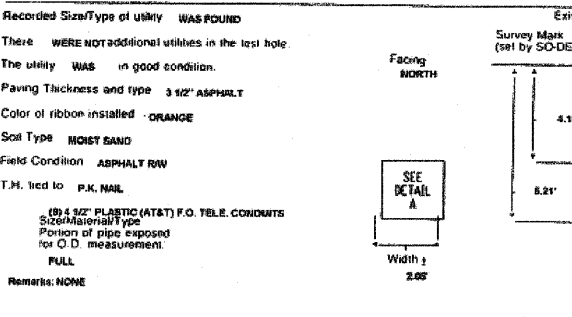
B.M. 2 Elev. = 528.18' IS GIVEN
Description: (BM #103) TOP OF NAIL FOUND, IN L.P., 43' LT OF CL STA 18+00.2, ILL. RTE. 47

SO-DEEP will attempt to use the B.M. #102 most applicable to your design. If however, B.M. #103 is more than 100' away, different design criteria should be used.

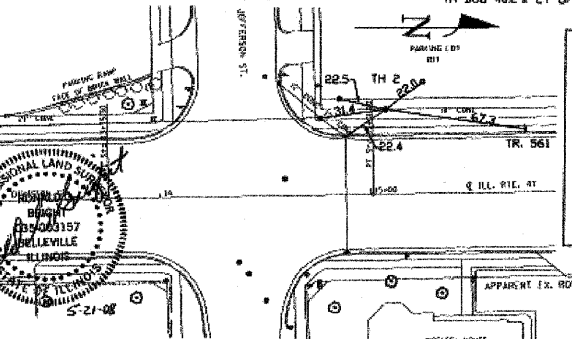
Recorded Size/Type of Utility WAS FOUND
There WERE NOT additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type 3 1/2" ASPHALT
Color of ribbon installed ORANGE
Soil Type MOIST SAND
Field Condition ASPHALT R/W
T.H. tied to P.K. NAIL

1.04" PLASTIC (AT&T) F.O. TELE CONDUITS
Size/Type of Utility 8" DIA. 12" DEPT. (AT&T) F.O. TELE DUCT
Portion of pipe exposed for O.D. measurement
FULL

Remarks: NONE



PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- R/W = Right of Way
- NTS = Not to Scale
- PCC = Precast Concrete
- CONC. = Concrete
- CONC. = Concrete
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- CL = Cast Iron
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- CL = Concrete
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- PLAS. = Plastic
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- ELEC. = Electric
- TELE = Telephone
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- BM = Benchmark
- C.B. = Catch Basin
- GV = Gas Valve
- Sewer Manhole
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- Water Meter
- Telephone Manhole
- Telephone Pedestal

Performing out-of-sight work...with vision!SM
Note: To Eliminate mistakes and check this work, So-Deep suggests you walk and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST., JUST N OF JEFFERSON ST.
Recorded Size/Type of Utility 18" DIA. 12" DEPT. (AT&T) F.O. TELE DUCT
Foreman/Truck/By J. CLINE / 219 / P. REYNOLDS

B.M. 1 Elev. = 524.81' IS GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND, IN L.P., 37' LT OF CL STA 13+97.2, ILL. RTE. 47

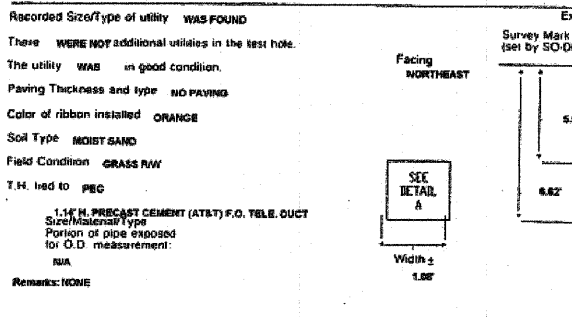
B.M. 2 Elev. = 528.18' IS GIVEN
Description: (BM #103) TOP OF NAIL FOUND, IN L.P., 43' LT OF CL STA 18+00.2, ILL. RTE. 47

SO-DEEP will attempt to use the B.M. #102 most applicable to your design. If however, B.M. #103 is more than 100' away, different design criteria should be used.

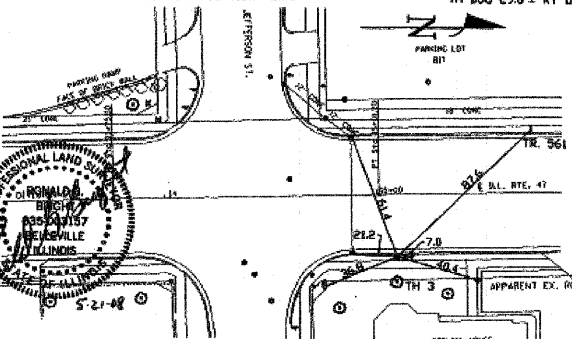
Recorded Size/Type of Utility WAS FOUND
There WERE NOT additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type NO PAVING
Color of ribbon installed ORANGE
Soil Type MOIST SAND
Field Condition GRASS R/W
T.H. tied to PEG

1.14" PRECAST CEMENT (AT&T) F.O. TELE DUCT
Size/Type of Utility 18" DIA. 12" DEPT. (AT&T) F.O. TELE DUCT
Portion of pipe exposed for O.D. measurement
NONE

Remarks: NONE



PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



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- CONC. = Concrete
- CONC. = Concrete
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- D.I. = Ductile Iron
- R/PVC = Rough Pvc Concrete
- CL = Concrete
- T.C. = Trench Cable
- PLAS. = Plastic
- BL = Base Line
- ELEC. = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Sewer
- DW = Down
- BM = Benchmark
- C.B. = Catch Basin
- GV = Gas Valve
- Sewer Manhole
- Test Hole
- Fire Hydrant
- Pole
- Electric Manhole
- T.S. = Traverse Station
- Valve
- Water Meter
- Telephone Manhole
- Telephone Pedestal

Performing out-of-sight work...with vision!SM
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHM
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-B
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 8LB433
Test Hole # 1
Plan Scale 1"=20'
Sheet # 2
Proposed STORM X-ING
Date MAY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST., 300' S OF JEFFERSON ST.
Recorded Size/Material/Type 8-WAY UNK. TYPE (AT&T) F.O. TELE. DUCT
Foreman/Truck#/Form By J. CLINE/219/P. REYNOLDS

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

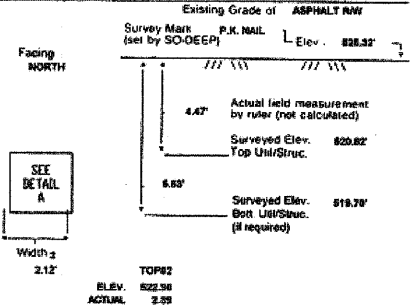
B.M. 1 Elev. = 524.87
is GIVEN
B.M. 2 Elev. = 526.16
is GIVEN
Benchmarks check BY 603
Elevations are referenced to B.M.82

Description: (BM #102) TOP OF RR SPIKE FOUND, IN L.P., 37.2
LT OF CL STA 13+97.1, ILL. RTE. 47
Description: (BM #103) TOP OF NAIL FOUND, IN L.P., 43.2 LT
OF CL STA 19+00.2, ILL. RTE. 47

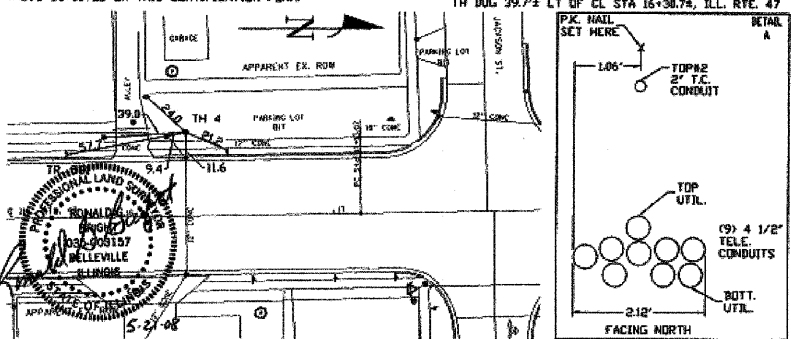
SO-DEEP will attempt to use the B.M. most applicable to your design. If however, this offset by more than .05', resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND
There WERE additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type 3" ASPHALT
Color of ribbon installed ORANGE
Soil Type MOIST SAND
Field Condition ASPHALT/RW

T.H. tied to P.K. NAIL
(3) 4 1/2" PLASTIC (AT&T) F.O. TELE. CONDUITS
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
FULL
Remarks: CREW ALSO FOUND A 2" STEEL TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL TO THE (3) 4 1/2" PLASTIC TELE. CONDUITS.



PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED IN THIS CERTIFICATION FORM.



- R/W = Right of Way
- N.T.S. = Not to Scale
- PC = Precast Concrete
- CONC. = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RFC = Rough Pore Concrete
- CL = Cast Lead
- T.C. = Terra Cotta
- PLAS. = Plastic
- BL. = Base Line
- ELEC. = Electric
- TELE. = Telephone
- T.H. = Test Hole
- SW = Sewer
- DW = Driveway
- BM = Benchmark
- C.B. = Catch Basin
- GV = Gas Valve
- Survey Mark
- Test Hole
- Flag Hydrant
- Force Line
- Electric Mains
- T.S. = Tension Station
- Valve
- Water Meter
- Telephone Mains
- Telephone Pedestal
- Street Manhole
- Test Hole
- Flag Hydrant
- Pole
- Force Line
- Electric Mains
- T.S. = Tension Station
- Valve
- Water Meter
- Telephone Mains
- Telephone Pedestal

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 8LB433
Test Hole # 5
Plan Scale 1"=20'
Sheet # 2
Proposed CURB & GUTTER
Date MAY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NW CORNER JACKSON ST. & DIVISION ST.
Recorded Size/Material/Type 4" UNK. TYPE (C.D.M.) WATER LINE
Foreman/Truck#/Form By J. CLINE/219/P. REYNOLDS

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

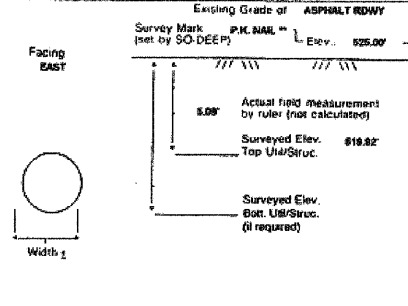
B.M. 1 Elev. = 528.68
is GIVEN
B.M. 2 Elev. = 526.16
is GIVEN
Benchmarks check BY 603
Elevations are referenced to B.M.82

Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF
P.H., 40.2 RT OF CL STA 21+35.6, ILL. RTE. 47
Description: (BM #103) TOP OF NAIL FOUND, IN L.P., 43.2 LT
OF CL STA 19+00.2, ILL. RTE. 47

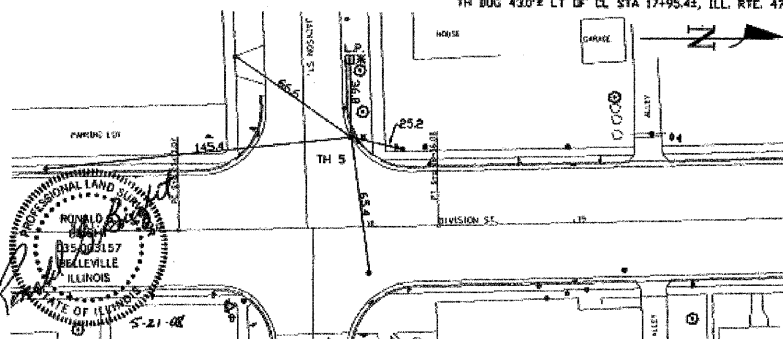
SO-DEEP will attempt to use the B.M. most applicable to your design. If however, this offset by more than .05', resulting differences could cause design conflicts.

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 1" ASPHALT
Color of ribbon installed BLUE
Soil Type MOIST SAND
Field Condition LIGHT ROAD TRAFFIC

T.H. tied to P.K. NAIL
4 3/4" C.I. (C.D.M.) WATER LINE
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
FULL
Remarks: THE 4 3/4" C.I. WATER LINE IS MAKING A NOTICEABLE VERTICAL GRADE CHANGE DOWNWARD TOWARD THE EAST AT THIS LOCATION.
P.K. NAIL WAS SET 0.42' WEST OF THE ROAD READING TAKEN FOR TOP UTILITY.



PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED IN THIS CERTIFICATION FORM.



- R/W = Right of Way
- N.T.S. = Not to Scale
- PC = Precast Concrete
- CONC. = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RFC = Rough Pore Concrete
- CL = Cast Lead
- T.C. = Terra Cotta
- PLAS. = Plastic
- BL. = Base Line
- ELEC. = Electric
- TELE. = Telephone
- T.H. = Test Hole
- SW = Sewer
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- Test Hole
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- Telephone Pedestal
- Street Manhole
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- Flag Hydrant
- Pole
- Force Line
- Electric Mains
- T.S. = Tension Station
- Valve
- Water Meter
- Telephone Mains
- Telephone Pedestal

SO-DEEP
The Subsurface Utility Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 8LB433
Test Hole # 9
Plan Scale 1"=20'
Sheet # 2
Proposed STORM X-ING
Date MAY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. NW CORNER JACKSON ST. & DIVISION ST.
Recorded Size/Material/Type 8-WAY UNK. TYPE (AT&T) F.O. TELE. DUCT
Foreman/Truck#/Form By J. CLINE/219/P. REYNOLDS

Condition of paving prior to work NO PAVING

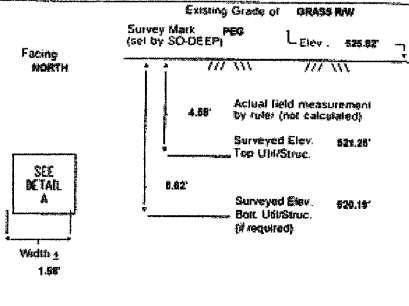
B.M. 1 Elev. = 528.68
is GIVEN
B.M. 2 Elev. = 526.16
is GIVEN
Benchmarks check BY 603
Elevations are referenced to B.M.82

Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF
P.H., 40.2 RT OF CL STA 21+35.6, ILL. RTE. 47
Description: (BM #102) TOP OF NAIL FOUND, IN L.P., 43.2 LT
OF CL STA 19+00.2, ILL. RTE. 47

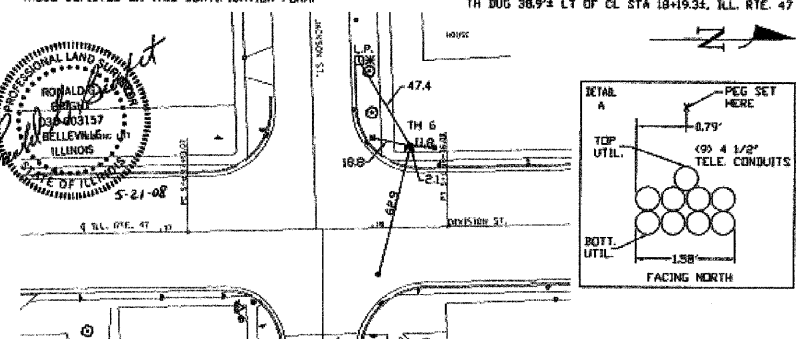
SO-DEEP will attempt to use the B.M. most applicable to your design. If however, this offset by more than .05', resulting differences could cause design conflicts.

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 SAND
Field Condition GRASS/RW

T.H. tied to PEG
(3) 4 1/2" PLASTIC (AT&T) F.O. TELE. CONDUITS
Size/Material/Type
Portion of pipe exposed for C.D. measurement:
FULL
Remarks: NONE



PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED IN THIS CERTIFICATION FORM.



- R/W = Right of Way
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- PC = Precast Concrete
- CONC. = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
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- PLAS. = Plastic
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- ELEC. = Electric
- TELE. = Telephone
- T.H. = Test Hole
- SW = Sewer
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- GV = Gas Valve
- Survey Mark
- Test Hole
- Flag Hydrant
- Force Line
- Electric Mains
- T.S. = Tension Station
- Valve
- Water Meter
- Telephone Mains
- Telephone Pedestal
- Street Manhole
- Test Hole
- Flag Hydrant
- Pole
- Force Line
- Electric Mains
- T.S. = Tension Station
- Valve
- Water Meter
- Telephone Mains
- Telephone Pedestal

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KKH
CHECKED BY: FML

CONTRACT #66720				
F.A.P. SECTION COUNTY TOTAL SHEET	326 (111CS) W&RS-21 GRUNDY 85 85-C			
STA. TO STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

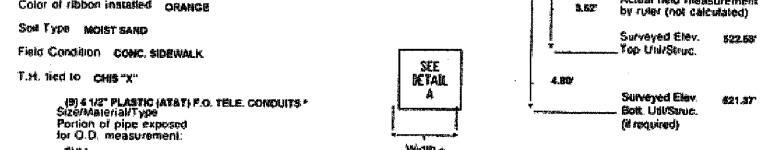
So-Deep Test Hole Certification Form
 1988, 1991

City, County, State: CITY OF MORRIS, IL
 Gen. Loc.: DIVISION ST. JUST S OF NORTH ST.
 Recorded Size/Material/Type: 8" UNK. TYPE (AT&T) TELE DUCT
 Foreman/Truck/Form By: J. CLINE/218/P. REYNOLDS

B.M. 1 Elev. = 528.58'
 is GIVEN
 Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H., 40' RT OF CL STA 21+382, ILL. RTE. 47

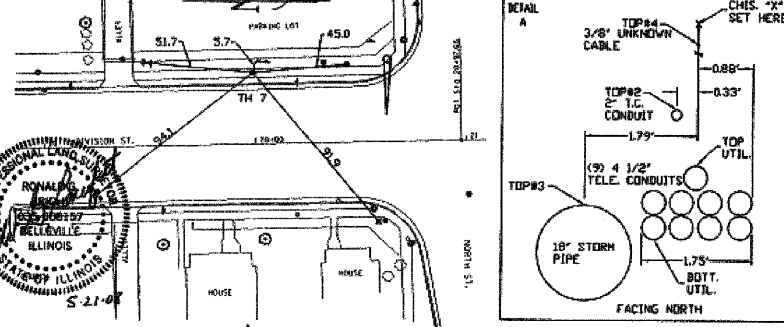
B.M. 2 Elev. = 527.41'
 is GIVEN
 Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 43' LT OF CL STA 19+992, ILL. RTE. 47

Recorded Size/Type of utility: WAS FOUND
 There WERE additional utilities in the test hole
 The utility WAS in good condition.
 Paving Thickness and type: 4" CONCRETE
 Color of ribbon installed: ORANGE
 Soil Type: MOIST SAND
 Field Condition: CONC. SIDEWALK
 T.H. led to: CHS "X"



	TOP#1	TOP#3	TOP#4
ELEV.	528.41	521.89	528.91
ACTUAL	2.74	4.32	0.25

Remarks: CREW ALSO FOUND A 3/8" UNK. FUNCTION CABLE, 2" STEEL TRAFFIC CONTROL CONDUIT AND AN 18" CONCRETE STORM PIPE RUNNING PARALLEL TO THE (3) 4 1/2" PLASTIC (AT&T) P.O. TELE CONDUITS.
 PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SBLB33, T.H. #5.

So-Deep will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is more than 25' existing difference could cause design conflicts.

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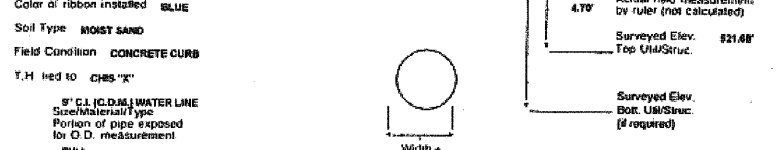
So-Deep Test Hole Certification Form
 1988, 1991

City, County, State: CITY OF MORRIS, IL
 Gen. Loc.: DIVISION ST. JUST S OF NORTH ST.
 Recorded Size/Material/Type: 8" UNK. TYPE (C.O.M.) WATER LINE
 Foreman/Truck/Form By: J. CLINE/218/P. REYNOLDS

B.M. 1 Elev. = 528.58'
 is GIVEN
 Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H., 40' RT OF CL STA 21+382, ILL. RTE. 47

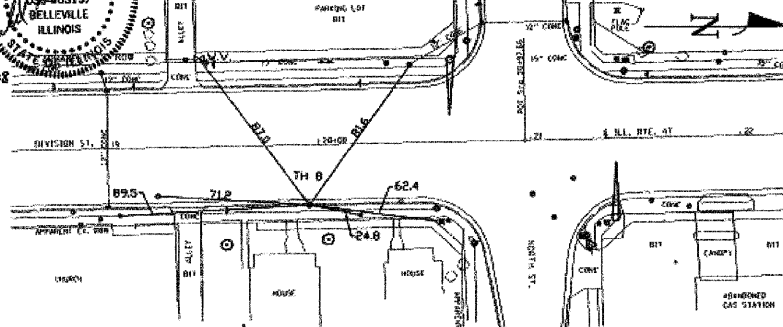
B.M. 2 Elev. = 527.41'
 is GIVEN
 Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 43' LT OF CL STA 24+782, ILL. RTE. 47

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: 14" CONCRETE
 Color of ribbon installed: BLUE
 Soil Type: MOIST SAND
 Field Condition: CONCRETE CURB
 T.H. led to: CHS "X"



	TOP#1	TOP#3	TOP#4
ELEV.	528.41	521.89	528.91
ACTUAL	2.74	4.32	0.25

Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SBLB33, T.H. #5.



Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SBLB33, T.H. #5.

So-Deep will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is more than 25' existing difference could cause design conflicts.

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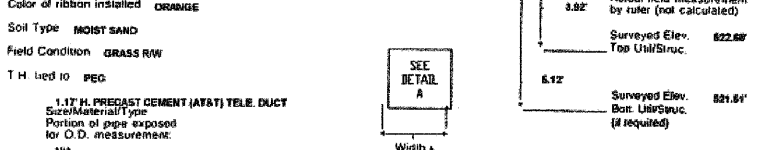
So-Deep Test Hole Certification Form
 1988, 1991

City, County, State: CITY OF MORRIS, IL
 Gen. Loc.: DIVISION ST. JUST S OF NORTH ST.
 Recorded Size/Material/Type: 8" UNK. TYPE (AT&T) TELE DUCT
 Foreman/Truck/Form By: J. CLINE/218/P. REYNOLDS

B.M. 1 Elev. = 528.58'
 is GIVEN
 Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H., 40' RT OF CL STA 21+382, ILL. RTE. 47

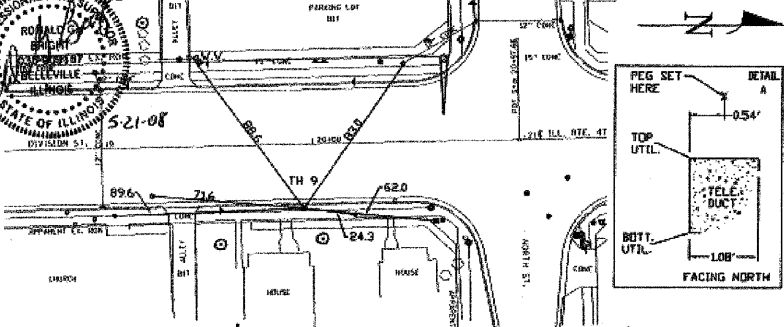
B.M. 2 Elev. = 527.41'
 is GIVEN
 Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 43' LT OF CL STA 24+782, ILL. RTE. 47

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 SAND
 Field Condition: GRASS RW
 T.H. led to: PEG



	TOP#1	TOP#3	TOP#4
ELEV.	528.41	521.89	528.91
ACTUAL	2.74	4.32	0.25

Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SBLB33, T.H. #5.



Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SBLB33, T.H. #5.

So-Deep will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is more than 25' existing difference could cause design conflicts.

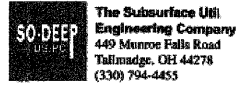
So-Deep will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is more than 25' existing difference could cause design conflicts.

So-Deep will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is more than 25' existing difference could cause design conflicts.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SUBSURFACE UTILITY ENGINEERING TEST HOLES	
		SCALE: NONE	
		DATE: 09/2007	
		DRAWN BY: KHH	
		CHECKED BY: FML	

ADDED SHEET 9-02-08, MJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-0
STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



So-Deep Test Hole Certification Form

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 818433
Test Hole # 19
Plan Scale 1"=20'
Sheet # 3
Proposed Date STORM X-RING
MAY 8, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST., JUST N OF NORTH ST.
Recorded Size/Material/Type 8" C.I. (C.O.M.) WATER LINE
Foreman/Truck#/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
ASPH. RWY. IN GOOD CONDITION

B.M. 1 Elev. = 528.58'
is GIVEN
B.M. 2 Elev. = 527.41'
is GIVEN

Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H. 49 1/2 RT OF CL STA 21+95.2, ILL. RTE. 47
Description: (BM #105) TOP OF NAL FOUND, IN L.P., 43 1/2 LT OF CL STA 24+75.2, ILL. RTE. 47

So-Deep will attempt to use the BMM most appropriate to your design. If however, BMM differ by more than .05, resulting differences could cause design conflicts.

Benchmarks check BY B.M.
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 4" ASPHALT

Color of ribbon installed BLUE

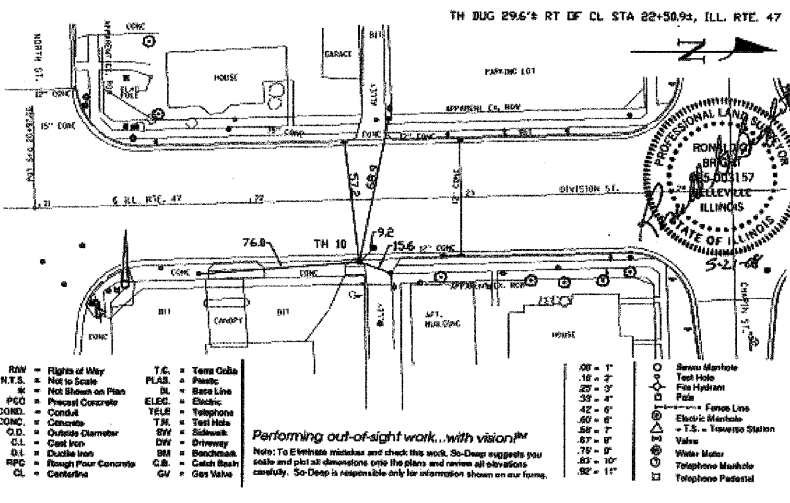
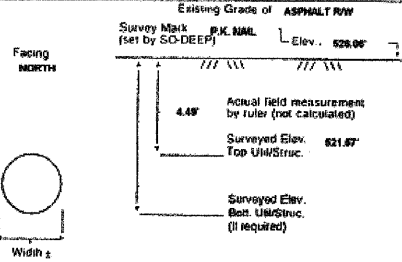
Soil Type MOIST SAND

Field Condition ASPHALT RWY

T.H. tied to P.K. NAIL

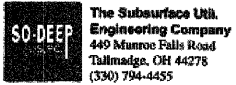
8" C.I. (C.O.M.) WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SIB.8433, T.H. #11.



NW = Right of Way	T.C. = Test Collar	10" = 1"	SW = Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	10" = 2"	TH = Test Hole
PC = Precast Concrete	BL. = Bare Line	20" = 3"	PH = Fire Hydrant
CONC. = Concrete	ELEC. = Electric	30" = 4"	FL = Flag
C.I. = Cast Iron	TELE. = Telephone	42" = 6"	FL = Fence Line
O.D. = Outside Diameter	TR. = Test Hole	50" = 8"	EM = Electric Manhole
C.I. = Cast Iron	SW = Sidewalk	50" = 7"	T.S. = Transfer Station
DL = Double Line	DW = Driveway	57" = 9"	VAL = Valve
RFC = Rough Four Concrete	BM = Benchmark	75" = 12"	WM = Water Meter
CL = Centerline	C.B. = Catch Basin	82" = 10"	TM = Telephone Manhole
	GV = Gas Valve	92" = 11"	TP = Telephone Padestal

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.



So-Deep Test Hole Certification Form

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 818433
Test Hole # 11
Plan Scale 1"=20'
Sheet # 3
Proposed Date STORM X-RING
MAY 8, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST., JUST N OF NORTH ST.
Recorded Size/Material/Type 3" W&V UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck#/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. SIDEWALK GOOD CONDITION

B.M. 1 Elev. = 528.58'
is GIVEN
B.M. 2 Elev. = 527.41'
is GIVEN

Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H. 49 1/2 RT OF CL STA 21+95.2, ILL. RTE. 47
Description: (BM #105) TOP OF NAL FOUND, IN L.P., 43 1/2 LT OF CL STA 24+75.2, ILL. RTE. 47

So-Deep will attempt to use the BMM most appropriate to your design. If however, BMM differ by more than .05, resulting differences could cause design conflicts.

Benchmarks check BY B.M.
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 4" CONCRETE

Color of ribbon installed ORANGE

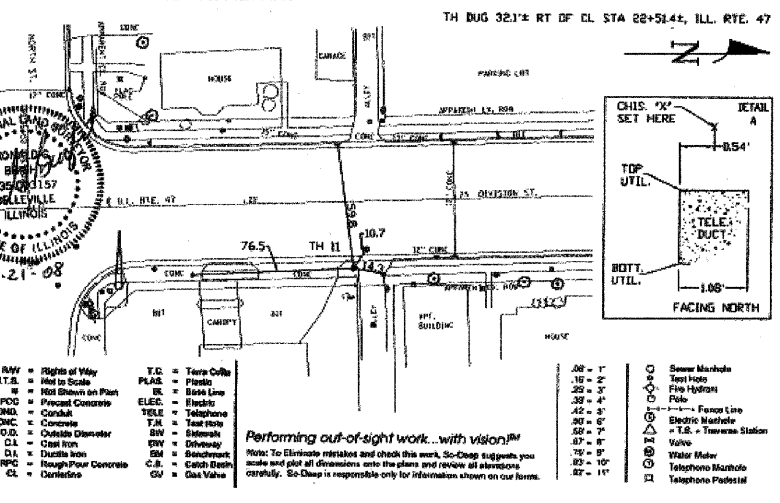
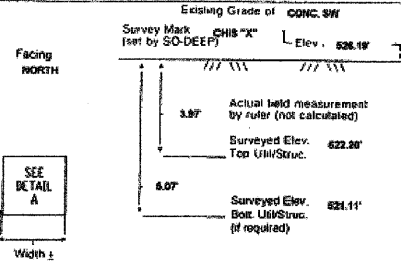
Soil Type MOIST SAND

Field Condition CONC. SIDEWALK

T.H. tied to CHS "X"

1.00" H. PRECAST CEMENT (AT&T) TELE. DUCT
Size/Material/Type
Portion of pipe exposed for O.D. measurement
N/A

Remarks: NOTE: ADDITIONAL UTILITIES LIE IN CLOSE PROXIMITY TO THIS TEST HOLE. REFER TO SIB.8433, T.H. #11.



NW = Right of Way	T.C. = Test Collar	10" = 1"	SW = Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	10" = 2"	TH = Test Hole
PC = Precast Concrete	BL. = Bare Line	20" = 3"	PH = Fire Hydrant
CONC. = Concrete	ELEC. = Electric	30" = 4"	FL = Flag
C.I. = Cast Iron	TELE. = Telephone	42" = 6"	FL = Fence Line
O.D. = Outside Diameter	TR. = Test Hole	50" = 8"	EM = Electric Manhole
C.I. = Cast Iron	SW = Sidewalk	50" = 7"	T.S. = Transfer Station
DL = Double Line	DW = Driveway	57" = 9"	VAL = Valve
RFC = Rough Four Concrete	BM = Benchmark	75" = 12"	WM = Water Meter
CL = Centerline	C.B. = Catch Basin	82" = 10"	TM = Telephone Manhole
	GV = Gas Valve	92" = 11"	TP = Telephone Padestal

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.



So-Deep Test Hole Certification Form

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # 818433
Test Hole # 12
Plan Scale 1"=20'
Sheet # 3
Proposed Date STORM X-RING
MAY 8, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST., JUST S OF CHAPIN ST.
Recorded Size/Material/Type 3" W&V UNK. TYPE (AT&T) F.O. TELE. DUCT
Foreman/Truck#/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 528.58'
is GIVEN
B.M. 2 Elev. = 527.41'
is GIVEN

Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H. 49 1/2 RT OF CL STA 21+95.2, ILL. RTE. 47
Description: (BM #105) TOP OF NAL FOUND, IN L.P., 43 1/2 LT OF CL STA 24+75.2, ILL. RTE. 47

So-Deep will attempt to use the BMM most appropriate to your design. If however, BMM differ by more than .05, resulting differences could cause design conflicts.

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

Recorded Size/Type of utility WAS FOUND

There WERE additional utilities in the test hole.

The utility WAS in good condition.

Paving Thickness and type NO PAVING

Color of ribbon installed ORANGE

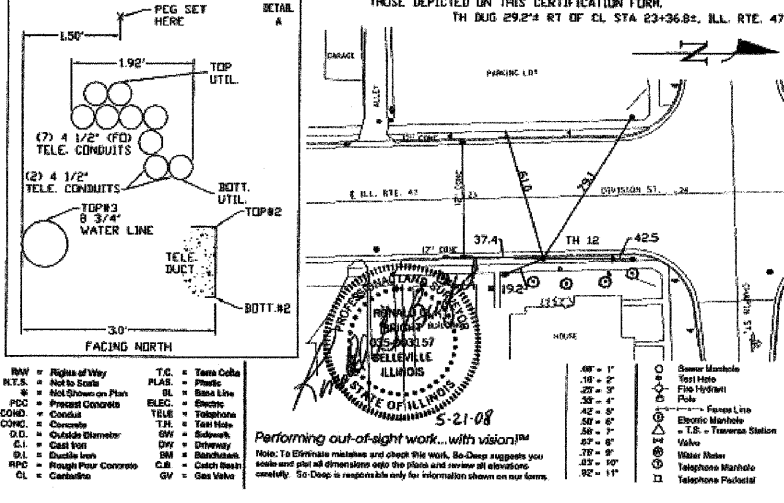
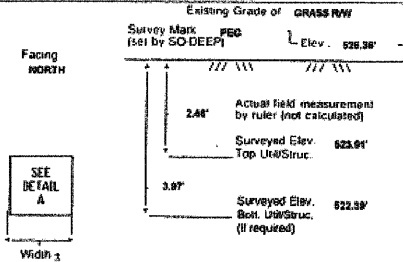
Soil Type MOIST SAND

Field Condition GRASS RWY

T.H. tied to PEG

(7) 4 1/2" PLASTIC (AT&T) F.O. TELE. CONDUITS
Size/Material/Type
Portion of pipe exposed for O.D. measurement
N/A

Remarks: CREW FOUND A 1.1' H. PRECAST CEMENT (AT&T) TELE. DUCT, (2) 4 1/2" FRAGILE (AT&T) TELE. CONDUITS AND A 3" DIA. C.O.M. WATER LINE. ADDITIONAL PLASTIC TELE. CONDUITS MAY BE PRESENT BUT LIE HIDDEN FROM VIEW.



NW = Right of Way	T.C. = Test Collar	10" = 1"	SW = Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	10" = 2"	TH = Test Hole
PC = Precast Concrete	BL. = Bare Line	20" = 3"	PH = Fire Hydrant
CONC. = Concrete	ELEC. = Electric	30" = 4"	FL = Flag
C.I. = Cast Iron	TELE. = Telephone	42" = 6"	FL = Fence Line
O.D. = Outside Diameter	TR. = Test Hole	50" = 8"	EM = Electric Manhole
C.I. = Cast Iron	SW = Sidewalk	50" = 7"	T.S. = Transfer Station
DL = Double Line	DW = Driveway	57" = 9"	VAL = Valve
RFC = Rough Four Concrete	BM = Benchmark	75" = 12"	WM = Water Meter
CL = Centerline	C.B. = Catch Basin	82" = 10"	TM = Telephone Manhole
	GV = Gas Valve	92" = 11"	TP = Telephone Padestal

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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY
ENGINEERING
TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-E
STA. TO STA.		FED. AID PROJECT		
ILLINOIS				

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SILB433
Test Hole # 15
Plan Scale 1"=20'
Sheet # 3
Proposed CURB & GUTTER
Date MAY 12, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SW CORNER OF DIVISION ST. & BENTON ST.
Recorded Size/Material/Type 8" UNK. TYPE (C.D.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. SIDEWALK GOOD CONDITION

B.M. 1 Elev. = 528.70'
is GIVEN Description: (BM #108) TOP OF SURVEY NAIL FOUND, @ CL STA 28+192, ILL. RTE. 47

B.M. 2 Elev. = 527.41'
is GIVEN Description: (BM #108) TOP OF NAIL FOUND, IN L.P., 45' LT OF CL STA 24+792, ILL. RTE. 47

SO-DEEP will attempt to use the B.M. most applicable to your design. If however, B.M. differ by more than .02', resulting differences could cause design conflicts.

Benchmarks check BY 0.01'
Elevations are referenced to B.M.#2

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 4" CONCRETE

Color of ribbon installed BLUE

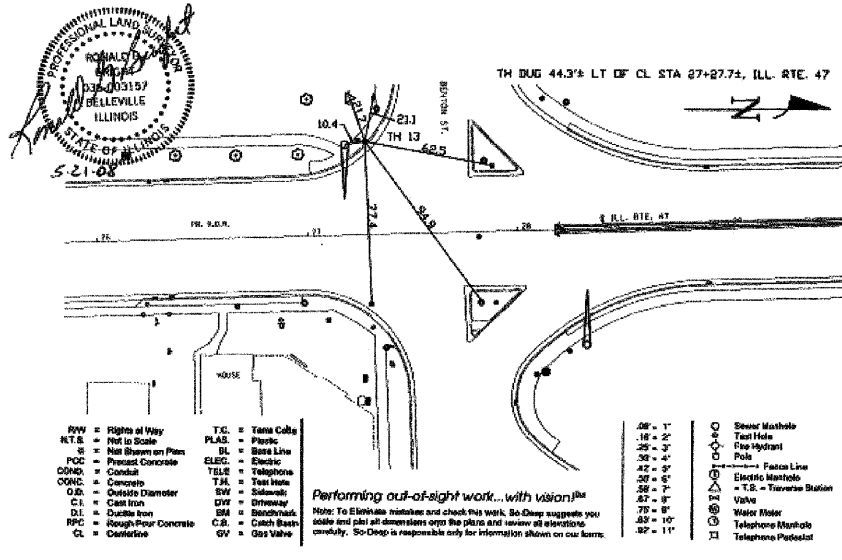
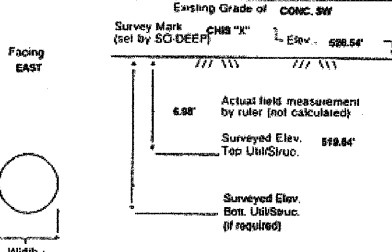
Soil Type MOIST SAND

Field Condition CONC. SIDEWALK

T.H. tied to CHS "X"

8" 1/2" D.I. (C.D.M.) WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

Remarks: NONE



- | | | |
|---------------------------|-------------------|-----------------------------|
| R/W = Right of Way | T.C. = Tera Colls | Ø = Sewer Manhole |
| R.T.S. = Not to Scale | PLAS. = Plastic | ⊕ = Test Hole |
| ⊕ = Not Shown on Plan | BL. = Base Line | ⊕ = Fire Hydrant |
| PCO = Precast Concrete | ELEC. = Electric | ⊕ = Pole |
| CONC. = Concrete | TELE. = Telephone | ⊕ = Fences Line |
| O.D. = Outside Diameter | T.H. = Test Hole | ⊕ = Electric Manhole |
| CL = Cast Iron | SW = Sewer | ⊕ = T.S. = Traversa Station |
| DL = Double Iron | OV = Overway | ⊕ = Valve |
| RPC = Rough/Pour Concrete | SM = Sump | ⊕ = Water Meter |
| CL = Cast Iron | CB. = Catch Basin | ⊕ = Telephone Manhole |
| | GV = Gas Valve | ⊕ = Telephone Pedestal |

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SILB433
Test Hole # 14
Plan Scale 1"=20'
Sheet # 3
Proposed ASPHALT X-RWG
Date MAY 7, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SW CORNER OF CHAPIN ST. & DIVISION ST.
Recorded Size/Material/Type 1-WAY UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 528.58'
is GIVEN Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H., 40' RT OF CL STA 21+382, ILL. RTE. 47

B.M. 2 Elev. = 527.41'
is GIVEN Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 45' LT OF CL STA 24+792, ILL. RTE. 47

SO-DEEP will attempt to use the B.M. most applicable to your design. If however, B.M. differ by more than .02', resulting differences could cause design conflicts.

Benchmarks check BY 0.01'
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

There WERE 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 SAND

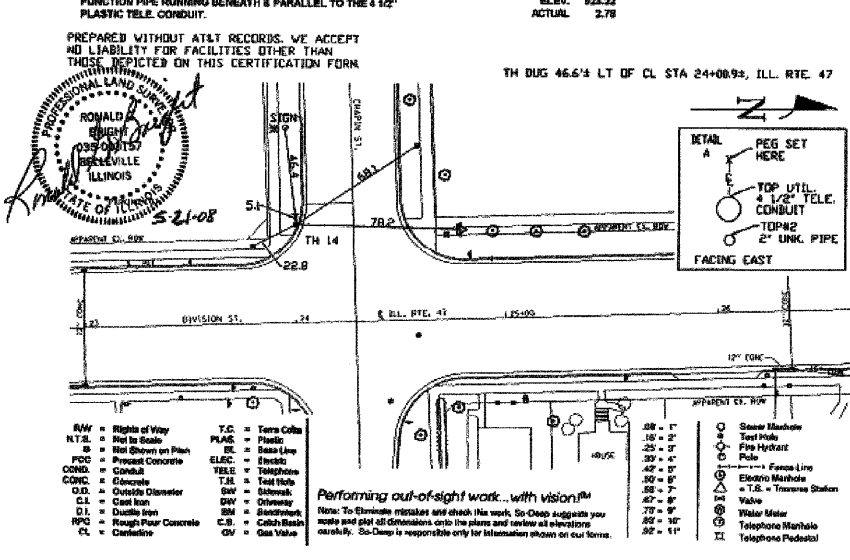
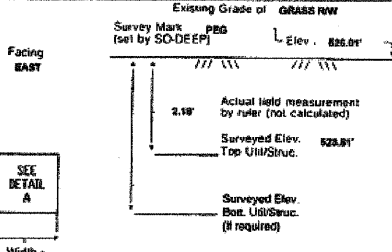
Field Condition GRASS RW

T.H. tied to PEG

(1) 4 1/2" PLASTIC (AT&T) TELE. CONDUIT
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

Remarks: CREW ALSO FOUND A 2" WRAPPED STEEL UNK. FUNCTION PIPE RUNNING BENEATH & PARALLEL TO THE 4 1/2" PLASTIC TELE. CONDUIT.

PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE REPLICATED ON THIS CERTIFICATION FORM.



- | | | |
|---------------------------|-------------------|-----------------------------|
| R/W = Right of Way | T.C. = Tera Colls | Ø = Sewer Manhole |
| R.T.S. = Not to Scale | PLAS. = Plastic | ⊕ = Test Hole |
| ⊕ = Not Shown on Plan | BL. = Base Line | ⊕ = Fire Hydrant |
| PCO = Precast Concrete | ELEC. = Electric | ⊕ = Pole |
| CONC. = Concrete | TELE. = Telephone | ⊕ = Fences Line |
| O.D. = Outside Diameter | T.H. = Test Hole | ⊕ = Electric Manhole |
| CL = Cast Iron | SW = Sewer | ⊕ = T.S. = Traversa Station |
| DL = Double Iron | OV = Overway | ⊕ = Valve |
| RPC = Rough/Pour Concrete | SM = Sump | ⊕ = Water Meter |
| CL = Cast Iron | CB. = Catch Basin | ⊕ = Telephone Manhole |
| | GV = Gas Valve | ⊕ = Telephone Pedestal |

SO-DEEP
The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SILB433
Test Hole # 15
Plan Scale 1"=20'
Sheet # 3
Proposed ASPHALT X-RWG
Date MAY 7, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SW CORNER OF CHAPIN ST. & DIVISION ST.
Recorded Size/Material/Type UNK. SIZE & TYPE FUNCTION UTILITY
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

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

B.M. 1 Elev. = 528.58'
is GIVEN Description: (BM #104) CHS "X" FOUND, NE CAP BOLT OF F.H., 40' RT OF CL STA 21+382, ILL. RTE. 47

B.M. 2 Elev. = 527.41'
is GIVEN Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 45' LT OF CL STA 24+792, ILL. RTE. 47

SO-DEEP will attempt to use the B.M. most applicable to your design. If however, B.M. differ by more than .02', resulting differences could cause design conflicts.

Benchmarks check BY 0.01'
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

There WERE NOT additional utilities in the test hole.

The utility WAS NOT in good condition. SEE REMARKS

Paving Thickness and type 18" ASPHALT

Color of ribbon installed BLUE

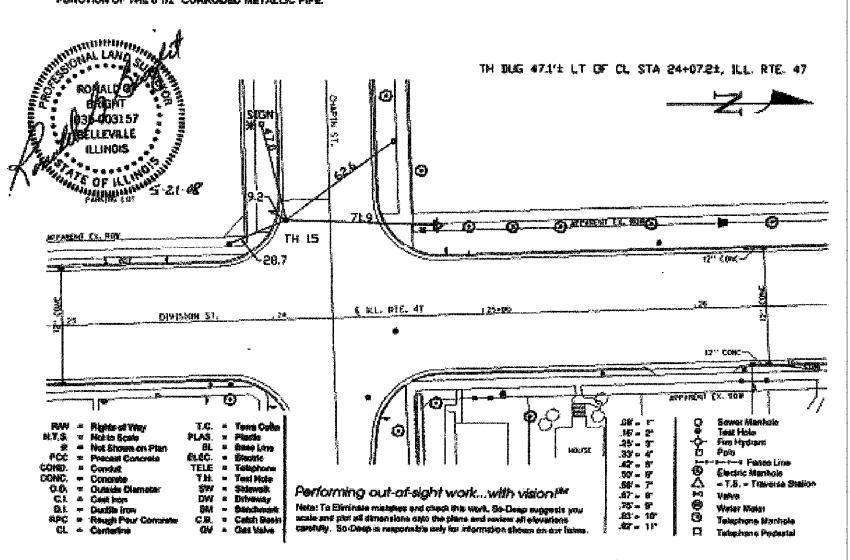
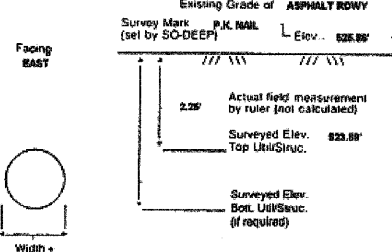
Soil Type MOIST SAND

Field Condition LIGHT ROAD TRAFFIC

T.H. tied to P.K. NAIL

8 1/2" CORRODED METALLIC UNK. FUNCTION PIPE
Size/Material/Type
Portion of pipe exposed for O.D. measurement
FULL

Remarks: CREW WAS UNABLE TO DETERMINE THE EXACT TYPE FUNCTION OF THE 8 1/2" CORRODED METALLIC PIPE.



- | | | |
|---------------------------|-------------------|-----------------------------|
| R/W = Right of Way | T.C. = Tera Colls | Ø = Sewer Manhole |
| R.T.S. = Not to Scale | PLAS. = Plastic | ⊕ = Test Hole |
| ⊕ = Not Shown on Plan | BL. = Base Line | ⊕ = Fire Hydrant |
| PCO = Precast Concrete | ELEC. = Electric | ⊕ = Pole |
| CONC. = Concrete | TELE. = Telephone | ⊕ = Fences Line |
| O.D. = Outside Diameter | T.H. = Test Hole | ⊕ = Electric Manhole |
| CL = Cast Iron | SW = Sewer | ⊕ = T.S. = Traversa Station |
| DL = Double Iron | OV = Overway | ⊕ = Valve |
| RPC = Rough/Pour Concrete | SM = Sump | ⊕ = Water Meter |
| CL = Cast Iron | CB. = Catch Basin | ⊕ = Telephone Manhole |
| | GV = Gas Valve | ⊕ = Telephone Pedestal |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.	326 (111CS) W&RS-21 GRUNDY 85 85-F
STA. TO STA.	
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT	

SO-DEEP
The Subsurface Util.
Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Contract # SL8483
Test Hole # 18
Plan Scale 1"=20'
Sheet # 3
Proposed STORM X-ING
Date MAY 9, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SE CORNER OF DIVISION ST. & CHAPIN ST.
Recorded Size/Material/Type 8" C.I. (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. SIDEWALK GOOD CONDITION

B.M. 1 Elev. = 628.86'
is GIVEN Description: (BM #104) CHS "X" FOUND, NE CORP OLT OF
F.H., 40'S RT OF CL STA 21+85, ILL. RTE. 47

B.M. 2 Elev. = 627.41'
is GIVEN Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 43'S LT
OF CL STA 24+79, ILL. RTE. 47

SO-DEEP will attempt to use the
B.M. most applicable to your
design. If however, B.M. differ by
more than .02', resulting differences
could cause design conflicts.

Benchmarks check BY 602'
Elevations are referenced to B.M.#2

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 4" CONCRETE

Color of ribbon installed BLUE

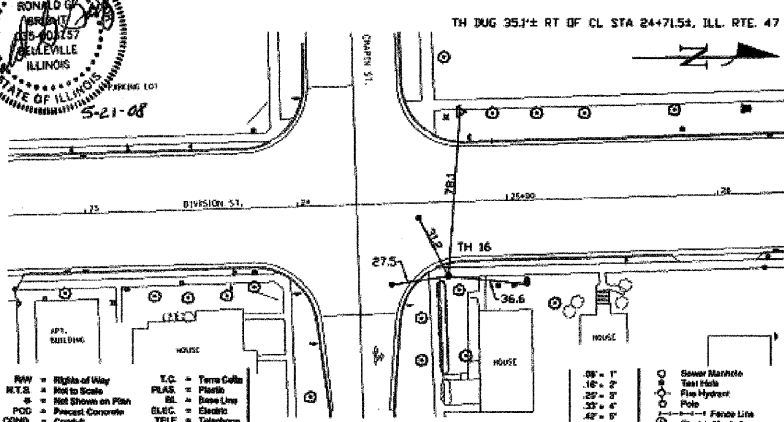
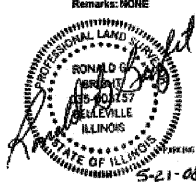
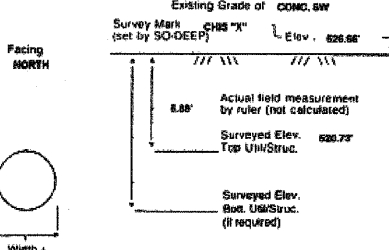
Soil Type MOIST SAND

Field Condition CONC. SIDEWALK

T.H. led to CHS "X"

8" C.I. (C.O.M.) WATER LINE
Size/Material/Type
Position of pipe exposed
for O.D. measurement:
FULL

Remarks: NONE



- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> RTS = Right of Way HTS = Not to Scale PLAS = Not Shown on Plan POC = Precast Concrete CONC. = Concrete C.O.D. = Outside Diameter C.I. = Cast Iron D.I. = Ductile Iron RFC = Rough Floor Concrete CL = Centerline | <ul style="list-style-type: none"> T.C. = Term Colls PLAS = Plastic EL. = Base Line ELEC. = Electric TELE = Telephone T.H. = Test Hole SW = Sewer DW = Driveway BM = Benchmark C.B. = Catch Basin GV = Gas Valve | <ul style="list-style-type: none"> SS = 1" 10 = 2" 20 = 3" 30 = 4" 40 = 5" 50 = 6" 60 = 7" 70 = 8" 80 = 9" 90 = 10" 100 = 11" | <ul style="list-style-type: none"> ○ Sewer Manhole ○ Test Hole ○ Fire Hydrant ○ Pole ○ 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 the 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.

SO-DEEP
The Subsurface Util.
Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Contract # SL8483
Test Hole # 17
Plan Scale 1"=20'
Sheet # 4
Proposed STORM X-ING
Date MAY 9, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SE CORNER OF DIVISION ST. & BENTON ST.
Recorded Size/Material/Type 8" C.I. (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. SIDEWALK GOOD CONDITION

B.M. 1 Elev. = 628.70'
is GIVEN Description: (BM #09) TOP OF SURVEY NAIL FOUND, @ CL
STA 28+19, ILL. RTE. 47

B.M. 2 Elev. = 627.41'
is GIVEN Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 43'S LT
OF CL STA 24+79, ILL. RTE. 47

SO-DEEP will attempt to use the
B.M. most applicable to your
design. If however, B.M. differ by
more than .02', resulting differences
could cause design conflicts.

Benchmarks check BY 602'
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 4" CONCRETE

Color of ribbon installed BLUE

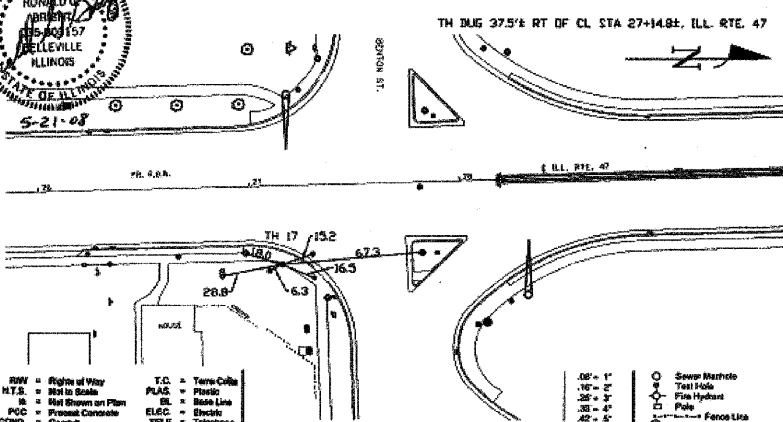
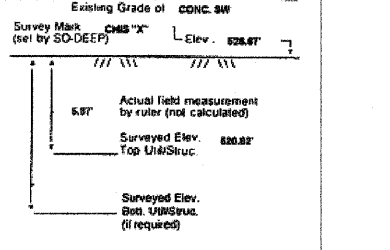
Soil Type MOIST SAND

Field Condition CONC. SIDEWALK

T.H. led to CHS "X"

8" C.I. (C.O.M.) WATER LINE
Size/Material/Type
Position of pipe exposed
for O.D. measurement:
FULL

Remarks: NONE



- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> RTS = Right of Way HTS = Not to Scale PLAS = Not Shown on Plan POC = Precast Concrete CONC. = Concrete C.O.D. = Outside Diameter C.I. = Cast Iron D.I. = Ductile Iron RFC = Rough Floor Concrete CL = Centerline | <ul style="list-style-type: none"> T.C. = Term Colls PLAS = Plastic EL. = Base Line ELEC. = Electric TELE = Telephone T.H. = Test Hole SW = Sewer DW = Driveway BM = Benchmark C.B. = Catch Basin GV = Gas Valve | <ul style="list-style-type: none"> 10 = 1" 10 = 2" 20 = 3" 30 = 4" 40 = 5" 50 = 6" 60 = 7" 70 = 8" 80 = 9" 90 = 10" 100 = 11" | <ul style="list-style-type: none"> ○ Sewer Manhole ○ Test Hole ○ Fire Hydrant ○ Pole ○ Electric Manhole ○ T.S. = Traverse Station ○ Valve ○ Water Meter ○ Telephone Manhole ○ Telephone Pedestal |
|---|---|--|--|

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SO-DEEP
The Subsurface Util.
Engineering Company
449 Munroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Contract # SL8483
Test Hole # 18
Plan Scale 1"=20'
Sheet # 4
Proposed STORM X-ING
Date MAY 9, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. SE CORNER OF DIVISION ST. & BENTON ST.
Recorded Size/Material/Type 8" UNK. TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. SIDEWALK GOOD CONDITION

B.M. 1 Elev. = 628.70'
is GIVEN Description: (BM #09) TOP OF SURVEY NAIL FOUND, @ CL
STA 28+19, ILL. RTE. 47

B.M. 2 Elev. = 627.41'
is GIVEN Description: (BM #105) TOP OF NAIL FOUND, IN L.P., 43'S LT
OF CL STA 24+79, ILL. RTE. 47

SO-DEEP will attempt to use the
B.M. most applicable to your
design. If however, B.M. differ by
more than .02', resulting differences
could cause design conflicts.

Benchmarks check BY 602'
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 4" CONCRETE

Color of ribbon installed BLUE

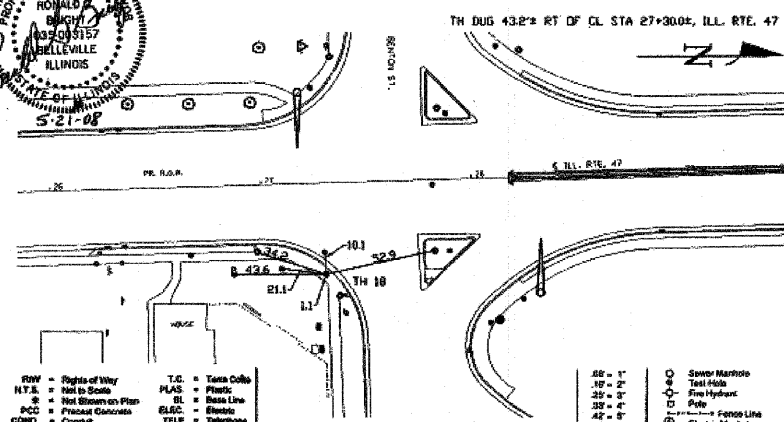
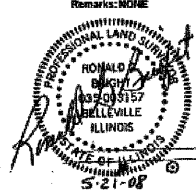
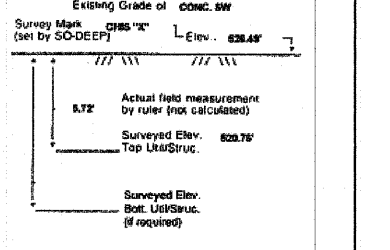
Soil Type MOIST SAND

Field Condition CONC. SIDEWALK

T.H. led to CHS "X"

7" C.I. (C.O.M.) WATER LINE
Size/Material/Type
Position of pipe exposed
for O.D. measurement:
FULL

Remarks: NONE



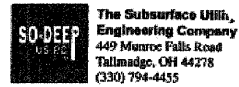
- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> RTS = Right of Way HTS = Not to Scale PLAS = Not Shown on Plan POC = Precast Concrete CONC. = Concrete C.O.D. = Outside Diameter C.I. = Cast Iron D.I. = Ductile Iron RFC = Rough Floor Concrete CL = Centerline | <ul style="list-style-type: none"> T.C. = Term Colls PLAS = Plastic EL. = Base Line ELEC. = Electric TELE = Telephone T.H. = Test Hole SW = Sewer DW = Driveway BM = Benchmark C.B. = Catch Basin GV = Gas Valve | <ul style="list-style-type: none"> 10 = 1" 10 = 2" 20 = 3" 30 = 4" 40 = 5" 50 = 6" 60 = 7" 70 = 8" 80 = 9" 90 = 10" 100 = 11" | <ul style="list-style-type: none"> ○ Sewer Manhole ○ Test Hole ○ Fire Hydrant ○ Pole ○ Electric Manhole ○ T.S. = Traverse Station ○ Valve ○ Water Meter ○ Telephone Manhole ○ Telephone Pedestal |
|---|---|--|--|

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHI
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-G
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



The Subsurface Utility Engineering Company

449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4435

So-Deep Test Hole Certification Form

© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005

City, County, State CITY OF MORRIS, IL
Gen. Loc. INT. DIVISION ST & MAIN ST
Recorded Size/Material/Type 3-WAY UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work ASPHALT RDWY IN GOOD CONDITION
Sheet # 1
Proposed Date JULY 14, 2008

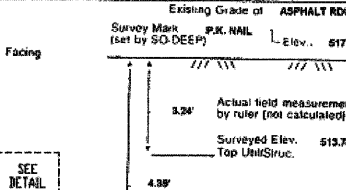
B.M. 1 Elev. = 624.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37'2" LT OF STA. 10+87.5, DIVISION ST.

B.M. 2 Elev. = 618.18'
is GIVEN
Description: (BM #101) CHS "X" FOUND NE CAP BOLT OF F.H., 38'2" RT OF STA. 11+48.2, DIVISION ST.

Benchmarks check BY 60"
Elevations are referenced to B.M.#1

SO-DEEP will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is not more than 60' resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND
There WERE additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type 1 1/2" ASPHALT
Color of ribbon installed ORANGE & RED
Soil Type MOIST SAND
Field Condition HEAVY RD. TRAFFIC
T.H. tied to P.K. NAIL



* (Ø) 4 1/2" P.L.A. (AT&T) TELE. CONDUITS 1.13" H"
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
N/A

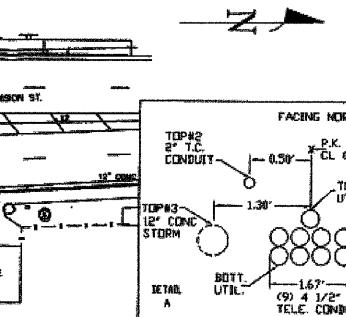
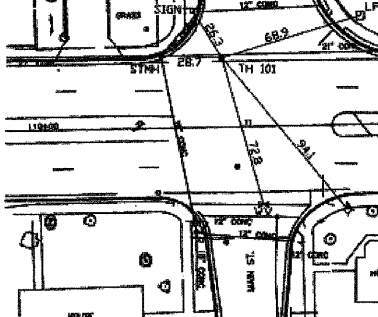


Remarks: *ALSO FOUND IN TEST HOLE A 2" STEEL (DOT) TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL AND A 12" HALF O.D. CONCRETE (DOT) STORM PIPE RUNNING PARALLEL & BENEATH OF THE (Ø) PLASTIC TELE. CONDUITS. TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

TH DUG 32.9'± LT OF CL STA 10+91.54, ILL. RTE. 47

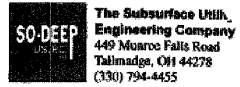
PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.

TH DUG 32.9'± LT OF CL STA 10+91.54, ILL. RTE. 47



- R/W = Right of Way
- N.T.S. = Not to Scale
- PLAS = Plastic
- CONC = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RPC = Rough Pore Concrete
- CL = Cast Iron
- T.C. = Trench Collar
- PLAS = Plastic
- BL = Base Line
- ELEC = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Storm
- DW = Driveway
- SM = Street Mark
- C.B. = Catch Basin
- GV = Gas Valve
- Survey Mark
- Test Hole
- Fire Hydrant
- Pole
- Fence Line
- Electric Manhole
- T.S. = Trench Station
- Valve
- Water Meter
- Telephone Manhole
- Telephone Pedestal

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



The Subsurface Utility Engineering Company

449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4435

So-Deep Test Hole Certification Form

© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005

City, County, State CITY OF MORRIS, IL
Gen. Loc. INT. DIVISION ST & MAIN ST
Recorded Size/Material/Type 3-WAY UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work ASPHALT RDWY IN GOOD CONDITION
Sheet # 1
Proposed Date JULY 14, 2008

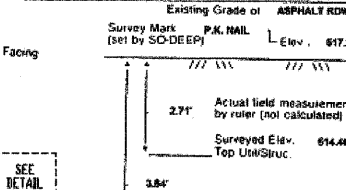
B.M. 1 Elev. = 624.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37'2" LT OF STA. 10+87.5, DIVISION ST.

B.M. 2 Elev. = 618.18'
is GIVEN
Description: (BM #101) CHS "X" FOUND NE CAP BOLT OF F.H., 38'2" RT OF STA. 11+48.2, DIVISION ST.

Benchmarks check BY 60"
Elevations are referenced to B.M.#1

SO-DEEP will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is not more than 60' resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND
There WERE additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type 1 1/2" ASPHALT
Color of ribbon installed ORANGE & RED
Soil Type MOIST SAND
Field Condition HEAVY RD. TRAFFIC
T.H. tied to P.K. NAIL



* (Ø) 4 1/2" P.L.A. (AT&T) TELE. CONDUITS 0.78" H"
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
N/A

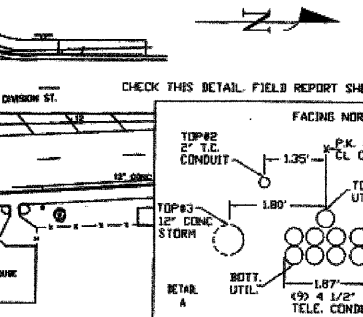
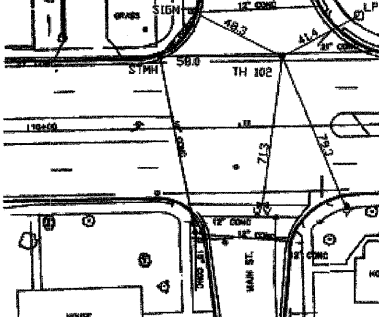


Remarks: *ALSO FOUND IN TEST HOLE A 2" STEEL (DOT) TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL AND A 12" HALF O.D. CONCRETE (DOT) STORM PIPE RUNNING PARALLEL & BENEATH OF THE (Ø) PLASTIC TELE. CONDUITS. TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

TH DUG 33.1'± LT OF CL STA 11+20.94, ILL. RTE. 47

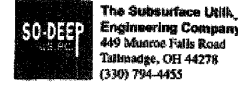
PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.

TH DUG 33.1'± LT OF CL STA 11+20.94, ILL. RTE. 47



- R/W = Right of Way
- N.T.S. = Not to Scale
- PLAS = Plastic
- CONC = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RPC = Rough Pore Concrete
- CL = Cast Iron
- T.C. = Trench Collar
- PLAS = Plastic
- BL = Base Line
- ELEC = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Storm
- DW = Driveway
- SM = Street Mark
- C.B. = Catch Basin
- GV = Gas Valve
- Survey Mark
- Test Hole
- Fire Hydrant
- Pole
- Fence Line
- Electric Manhole
- T.S. = Trench Station
- Valve
- Water Meter
- Telephone Manhole
- Telephone Pedestal

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



The Subsurface Utility Engineering Company

449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4435

So-Deep Test Hole Certification Form

© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST NORTH OF MAIN ST
Recorded Size/Material/Type 3-WAY UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work CONC. APRON IN GOOD CONDITION
Sheet # 2
Proposed Date JULY 14, 2008

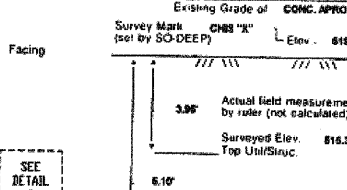
B.M. 1 Elev. = 624.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37'2" LT OF STA. 10+87.5, DIVISION ST.

B.M. 2 Elev. = 618.18'
is GIVEN
Description: (BM #101) CHS "X" FOUND NE CAP BOLT OF F.H., 38'2" RT OF STA. 11+48.2, DIVISION ST.

Benchmarks check BY 60"
Elevations are referenced to B.M.#1

SO-DEEP will attempt to use the B.M.#1 most applicable to your design. If however, B.M.#1 is not more than 60' resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND
There WERE additional utilities in the test hole.
The utility WAS in good condition.
Paving Thickness and type 1" CONCRETE
Color of ribbon installed ORANGE & RED
Soil Type MOIST SAND
Field Condition CONCRETE APRON
T.H. tied to CHS "X"



* (Ø) 4 1/2" P.L.A. (AT&T) TELE. CONDUITS 1.13" H"
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
N/A

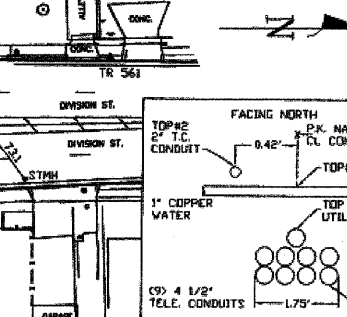
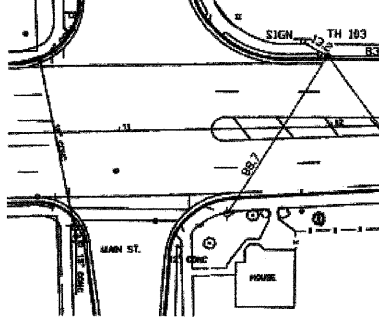


Remarks: *ALSO FOUND IN TEST HOLE A 2" STEEL (DOT) TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL AND A 1" COPPER (C.O.M.) WATER LINE RUNNING ABOVE & PERPENDICULAR TO THE (Ø) PLASTIC TELE. CONDUITS. TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

TH DUG 33.5'± LT OF CL STA 11+99.04, ILL. RTE. 47

PREPARED WITHOUT AT&T RECORDS. WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.

TH DUG 33.5'± LT OF CL STA 11+99.04, ILL. RTE. 47



- R/W = Right of Way
- N.T.S. = Not to Scale
- PLAS = Plastic
- CONC = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RPC = Rough Pore Concrete
- CL = Cast Iron
- T.C. = Trench Collar
- PLAS = Plastic
- BL = Base Line
- ELEC = Electric
- TELE = Telephone
- T.H. = Test Hole
- SW = Storm
- DW = Driveway
- SM = Street Mark
- C.B. = Catch Basin
- GV = Gas Valve
- Survey Mark
- Test Hole
- Fire Hydrant
- Pole
- Fence Line
- Electric Manhole
- T.S. = Trench Station
- Valve
- Water Meter
- Telephone Manhole
- Telephone Pedestal

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-21	GRUNDY	85	85-H
STA. TO STA.		FED. AID PROJECT		
FED. ROAD DIST. NO. ILLINOIS				

SO-DEEP
The Subsurface Util.,
Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SB, B433
Test Hole # 106
Plan Scale 1"=20'
Sheet # 2
Proposed STORM X-ING
Date JULY 14, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST NORTH OF MAIN ST
Recorded Size/Material/Type 8-WAY UNK. TYPE (AT&T) TELE. DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work NO PAVING

B.M. 1 Elev = 624.81'
is GIVEN
B.M. 2 Elev = 618.15'
is GIVEN

Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37 1/2'
LT OF STA. 13+97.5, DIVISION ST.
Description: (BM #101) CHIS "X" FOUND NE CAP BOLT OF F.H.,
39 1/2' RT OF STA. 11+48.2, DIVISION ST.

SO-DEEP will attempt to use the
BMPH most applicable to your
design. If necessary, BMPH other
than the one listed, resulting differences
could cause design conflicts.

Benchmarks check BY 6.00'
Elevations are referenced to B.M.#1

Recorded Size/Type of utility WAS FOUND

There WERE additional utilities in the test hole.

The utility WAS in good condition.

Paving Thickness and type NO PAVING

Color of ribbon installed ORANGE & RED

Soil Type MOIST SAND & GRAVEL

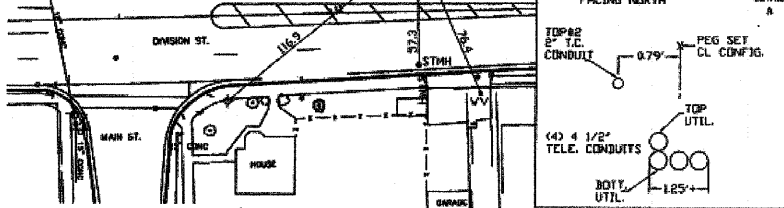
Field Condition GRASS RW

T.H. tied to PEG

4" 1/2" P.L.A. (AT&T) TELE. CONDUITS 6.87' H"
Size/Material/Type
Portion of pipe exposed
for O.D. measurement:
N/A

Remarks: ALSO FOUND IN TEST HOLE A 2" STEEL (80#) TRAFFIC CONTROL CONDUIT RUNNING ABOVE & PARALLEL TO THE (4) PLASTIC TELE CONDUITS. NOTE: (2) OF THE (4) CONDUITS EXCAVATED WERE FOUND TO BE BROKEN OR CUT AT THIS LOCATION. THE CREW COULD NOT OBTAIN AN ACCURATE BOTTOM ELEVATION, WIDTH OR ACCURATE CONDUIT COUNT DUE TO UNSTABLE GROUND CONDITIONS IN THE TEST HOLE. TOP SIDE SURVEY, ELECTRONIC DISTANCE MEASUREMENT AND UTILITY RECORDS RESEARCH ALL INDICATE THE TEST HOLE WAS DUG ON THE CORRECT UTILITY. TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- | | | | |
|---------------------------|--------------------|----------|---------------------------|
| R/W = Right of Way | T.C. = Terra Cotta | 20" = 1" | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | 16" = 5" | ○ = Test Hole |
| ■ = Not Shown on Plan | BL. = Brass Line | 12" = 4" | ○ = Fire Hydrant |
| PCD = Precast Concrete | ELEC. = Electric | 8" = 3" | ○ = Pole |
| CONC. = Concrete | TELE. = Telephone | 42" = 4" | ○ = Face Line |
| O.D. = Outside Diameter | T.H. = Test Hole | 36" = 6" | ○ = Electric Manhole |
| C.I. = Cast Iron | SW = Sewer | 30" = 6" | ○ = T.S. = Trench Station |
| D.I. = Ductile Iron | OV = Open | 24" = 6" | ○ = Valve |
| RFC = Rough-Pour Concrete | BM = Benchmark | 18" = 6" | ○ = Water Meter |
| CL = Centerline | C.B. = Catch Basin | 12" = 6" | ○ = Telephone Manhole |
| | GV = Gas Valve | 8" = 11" | □ = Telephone Pedestal |

Paul R. Cole
Performing out-of-sight work... with vision!
Note: To eliminate mistakes and check this work, So-Deep suggests you
walk and plot all dimensions onto the plans and review all elevations
carefully. So-Deep is responsible only for information shown on our forms.

SO-DEEP
The Subsurface Util.,
Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SB, B433
Test Hole # 106
Plan Scale 1"=20'
Sheet # 2
Proposed GRADE CHANGE
Date JULY 15, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST NORTH OF MAIN ST
Recorded Size/Material/Type UNK. SIZE & TYPE FUNCTION UTILITY
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work CONC. GUTTER IN GOOD CONDITION

B.M. 1 Elev = 624.81'
is GIVEN
B.M. 2 Elev = 618.15'
is GIVEN

Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37 1/2'
LT OF STA. 13+97.5, DIVISION ST.
Description: (BM #101) CHIS "X" FOUND NE CAP BOLT OF F.H.,
39 1/2' RT OF STA. 11+48.2, DIVISION ST.

SO-DEEP will attempt to use the
BMPH most applicable to your
design. If necessary, BMPH other
than the one listed, resulting differences
could cause design conflicts.

Benchmarks check BY 6.00'
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 NOT in good condition. SEE REMARKS

Paving Thickness and type 8" CONCRETE

Color of ribbon installed BLUE

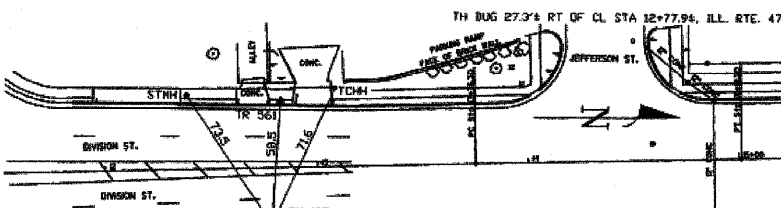
Soil Type CLAY & ROCK

Field Condition CONCRETE GUTTER

T.H. tied to CHIS "X"

5 1/2" CORRODED METALLIC UNK. FUNCTION PIPE
Size/Material/Type
Portion of pipe exposed
for O.D. measurement:
FULL

Remarks: THE CREW COULD NOT DETERMINE THE FUNCTION OF THE
5 1/2" CORRODED METALLIC PIPE. THE CREW ALSO COULD NOT
DETERMINE THE EXACT MATERIAL TYPE OF THE 5 1/2" PIPE DUE TO
THE CORROSION.



- | | | | |
|---------------------------|--------------------|----------|---------------------------|
| R/W = Right of Way | T.C. = Terra Cotta | 20" = 1" | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | 16" = 5" | ○ = Test Hole |
| ■ = Not Shown on Plan | BL. = Brass Line | 12" = 4" | ○ = Fire Hydrant |
| PCD = Precast Concrete | ELEC. = Electric | 8" = 3" | ○ = Pole |
| CONC. = Concrete | TELE. = Telephone | 42" = 4" | ○ = Face Line |
| O.D. = Outside Diameter | T.H. = Test Hole | 36" = 6" | ○ = Electric Manhole |
| C.I. = Cast Iron | SW = Sewer | 30" = 6" | ○ = T.S. = Trench Station |
| D.I. = Ductile Iron | OV = Open | 24" = 6" | ○ = Valve |
| RFC = Rough-Pour Concrete | BM = Benchmark | 18" = 6" | ○ = Water Meter |
| CL = Centerline | C.B. = Catch Basin | 12" = 6" | ○ = Telephone Manhole |
| | GV = Gas Valve | 8" = 11" | □ = Telephone Pedestal |

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SO-DEEP
The Subsurface Util.,
Engineering Company
449 Monroe Falls Road
Tallmadge, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form
© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SB, B433
Test Hole # 106
Plan Scale 1"=20'
Sheet # 2
Proposed STORM X-ING
Date JULY 15, 2008

City, County, State CITY OF MORRIS, IL
Gen. Loc. DIVISION ST NORTH OF MAIN ST
Recorded Size/Material/Type 8" UNK. TYPE (C.O.M.) WATER LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work NO PAVING

B.M. 1 Elev = 624.81'
is GIVEN
B.M. 2 Elev = 618.15'
is GIVEN

Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., 37 1/2'
LT OF STA. 13+97.5, DIVISION ST.
Description: (BM #101) CHIS "X" FOUND NE CAP BOLT OF F.H.,
39 1/2' RT OF STA. 11+48.2, DIVISION ST.

SO-DEEP will attempt to use the
BMPH most applicable to your
design. If necessary, BMPH other
than the one listed, resulting differences
could cause design conflicts.

Benchmarks check BY 6.00'
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 BLUE

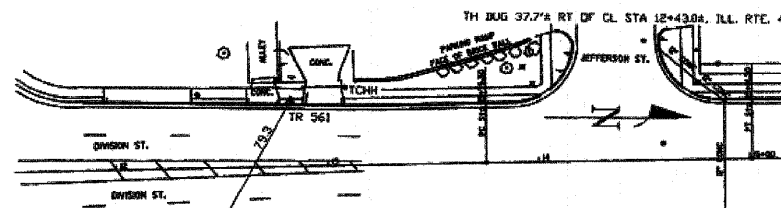
Soil Type CLAY & ROCK

Field Condition GRASS RW

T.H. tied to PEG

8" M.D.J. WATER LINE
Size/Material/Type
Portion of pipe exposed
for O.D. measurement:
FULL

Remarks: NONE



- | | | | |
|---------------------------|--------------------|----------|---------------------------|
| R/W = Right of Way | T.C. = Terra Cotta | 20" = 1" | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | 16" = 5" | ○ = Test Hole |
| ■ = Not Shown on Plan | BL. = Brass Line | 12" = 4" | ○ = Fire Hydrant |
| PCD = Precast Concrete | ELEC. = Electric | 8" = 3" | ○ = Pole |
| CONC. = Concrete | TELE. = Telephone | 42" = 4" | ○ = Face Line |
| O.D. = Outside Diameter | T.H. = Test Hole | 36" = 6" | ○ = Electric Manhole |
| C.I. = Cast Iron | SW = Sewer | 30" = 6" | ○ = T.S. = Trench Station |
| D.I. = Ductile Iron | OV = Open | 24" = 6" | ○ = Valve |
| RFC = Rough-Pour Concrete | BM = Benchmark | 18" = 6" | ○ = Water Meter |
| CL = Centerline | C.B. = Catch Basin | 12" = 6" | ○ = Telephone Manhole |
| | GV = Gas Valve | 8" = 11" | □ = Telephone Pedestal |

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carefully. So-Deep is responsible only for information shown on our forms.

REVISIONS	
NAME	DATE

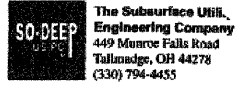
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBSURFACE UTILITY
ENGINEERING
TEST HOLES

SCALE: NONE
DATE: 09/2007

DRAWN BY: KHH
CHECKED BY: FML

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-2I	GRUNDY	85	85-1
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



The Subsurface Utility Engineering Company
449 Monroe Falls Road
Tullahoma, OH 44278
(330) 794-4455

So-Deep Test Hole Certification Form

© So-Deep 1988, 1991

So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SLB433
Test Hole # 107
Plan Scale 1"=20'
Sheet # 2
Proposed CURB & GUTTER
Date JULY 14, 2009

City, County, State CITY OF MORRIS, IL
Gen. Loc. SW CORNER DIVISION ST & JEFFERSON ST
Recorded Size/Material/Type 8-WAY UNK. TYPE (AT&T) TELE DUCT
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. S/W IN GOOD CONDITION

B.M. 1 Elev. - 524.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., ST#
LT OF STA. 13+97.2, DIVISION ST.

B.M. 2 Elev. - 618.18'
is GIVEN
Description: (BM #101) CHS "X" FOUND NE CAP BOLT OF F.H.,
39 1/2 RT OF STA. 11+48.2, DIVISION ST.

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

Benchmarks check BY GDT
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 4" CONCRETE

Color of ribbon installed ORANGE

Soil Type MOIST SAND

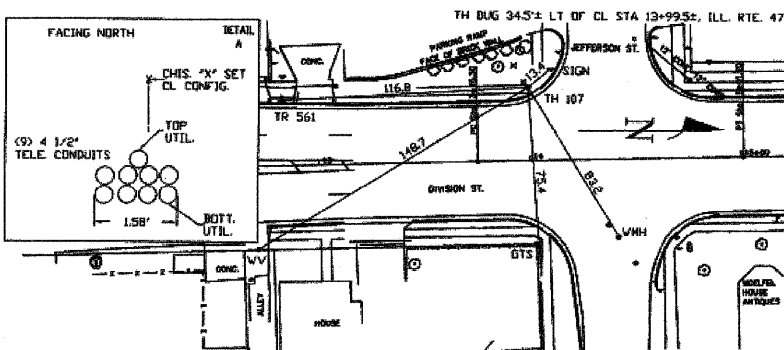
Field Condition CONCRETE S/W

T.H. tied to CHS "X"

(8) 4 1/2" PLA. (AT&T) TELE. CONDUITS 0.58' H.
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
N/A

Remarks: TELE. DUCT CONTAINS FIBER OPTICS AT THIS LOCATION.

PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- R/W = Right of Way
- N.T.S. = Not to Scale
- PC = Precast Concrete
- COND. = Conduit
- COND. = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RPC = Rough Poured Concrete
- CL = Cast Stone
- T.C. = Terra Cotta
- PLAS. = Plastic
- BL. = Base Line
- ELEC. = Electric
- TELE. = Telephone
- T.H. = Test Hole
- EDW. = Educture
- DMW. = Duct Manhole
- BM. = Benchmark
- C.B. = Catch Basin
- GV. = Gas Valve
- SM. = Sewer Manhole
- TH. = Test Hole
- F.H. = Fire Hydrant
- P. = Pole
- F.L. = Fence Line
- E.M. = Electric Manhole
- T.S. = Transit Station
- V. = Valve
- W.M. = Water Manhole
- T.M. = Telephone Manhole
- T.P. = Telephone Pedestal



So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SLB433
Test Hole # 108
Plan Scale 1"=20'
Sheet # 2
Proposed CURB & GUTTER
Date JULY 14, 2009

City, County, State CITY OF MORRIS, IL
Gen. Loc. SW CORNER DIVISION ST & JEFFERSON ST
Recorded Size/Material/Type 6" STEEL (INCO) GAS LINE
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
CONC. S/W IN GOOD CONDITION

B.M. 1 Elev. - 524.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., ST#
LT OF STA. 13+97.2, DIVISION ST.

B.M. 2 Elev. - 618.18'
is GIVEN
Description: (BM #101) CHS "X" FOUND NE CAP BOLT OF F.H.,
39 1/2 RT OF STA. 11+48.2, DIVISION ST.

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

Benchmarks check BY GDT
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 4" CONCRETE

Color of ribbon installed YELLOW

Soil Type MOIST SAND

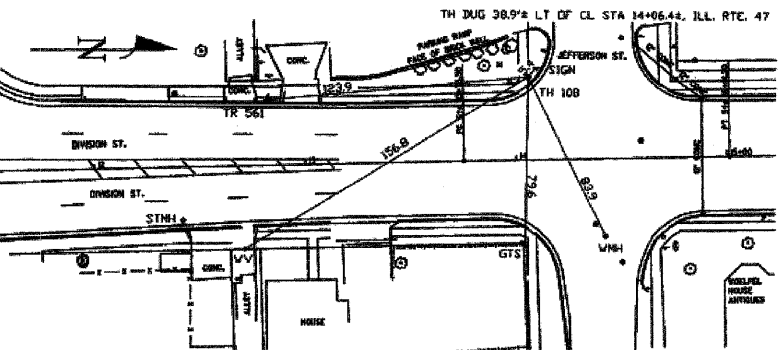
Field Condition CONCRETE S/W

T.H. tied to CHS "X"

(6) 6" WRAPPED STEEL (INCO) GAS LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE

PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- R/W = Right of Way
- N.T.S. = Not to Scale
- PC = Precast Concrete
- COND. = Conduit
- COND. = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RPC = Rough Poured Concrete
- CL = Cast Stone
- T.C. = Terra Cotta
- PLAS. = Plastic
- BL. = Base Line
- ELEC. = Electric
- TELE. = Telephone
- T.H. = Test Hole
- EDW. = Educture
- DMW. = Duct Manhole
- BM. = Benchmark
- C.B. = Catch Basin
- GV. = Gas Valve
- SM. = Sewer Manhole
- TH. = Test Hole
- F.H. = Fire Hydrant
- P. = Pole
- F.L. = Fence Line
- E.M. = Electric Manhole
- T.S. = Transit Station
- V. = Valve
- W.M. = Water Manhole
- T.M. = Telephone Manhole
- T.P. = Telephone Pedestal



So-Deep Test Hole Certification Form

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So-Deep, Corporate Office
8397 Euclid Avenue
Manassas Park, VA 20111
(703)361-6005
Control # SLB433
Test Hole # 109
Plan Scale 1"=20'
Sheet # 2
Proposed CURB & GUTTER
Date JULY 14, 2009

City, County, State CITY OF MORRIS, IL
Gen. Loc. SE CORNER JEFFERSON ST & DIVISION ST
Recorded Size/Material/Type UNK. SIZE & TYPE FUNCTION UTILITY
Foreman/Truck/Form By J. CLINE / 219 / P. REYNOLDS

Condition of paving prior to work
ASPHALT RD/WY IN GOOD CONDITION

B.M. 1 Elev. - 524.81'
is GIVEN
Description: (BM #102) TOP OF RR SPIKE FOUND IN L.P., ST#
LT OF STA. 13+97.2, DIVISION ST.

B.M. 2 Elev. - 618.18'
is GIVEN
Description: (BM #101) CHS "X" FOUND NE CAP BOLT OF F.H.,
39 1/2 RT OF STA. 11+48.2, DIVISION ST.

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

Benchmarks check BY GDT
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 NOT in good condition. SEE REMARKS

Paving Thickness and type 22" ASPHALT

Color of ribbon installed BLUE

Soil Type CLAY & ROCK

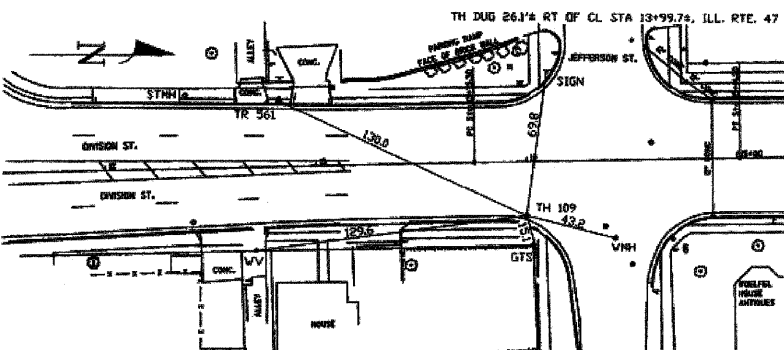
Field Condition HEAVY RD. TRAFFIC

T.H. tied to P.K. MARK

(5) 1/2" CORRUGATED METALLIC UNK. FUNCTION PIPE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: THE CREW COULD NOT DETERMINE THE FUNCTION OF THE 1/2" CORRUGATED METALLIC PIPE. THE CREW ALSO COULD NOT DETERMINE THE EXACT MATERIAL TYPE OF THE 5 1/2" PIPE DUE TO THE CORROSION.

PREPARED WITHOUT AT&T RECORDS, WE ACCEPT NO LIABILITY FOR FACILITIES OTHER THAN THOSE DEPICTED ON THIS CERTIFICATION FORM.



- R/W = Right of Way
- N.T.S. = Not to Scale
- PC = Precast Concrete
- COND. = Conduit
- COND. = Concrete
- O.D. = Outside Diameter
- C.I. = Cast Iron
- D.I. = Ductile Iron
- RPC = Rough Poured Concrete
- CL = Cast Stone
- T.C. = Terra Cotta
- PLAS. = Plastic
- BL. = Base Line
- ELEC. = Electric
- TELE. = Telephone
- T.H. = Test Hole
- EDW. = Educture
- DMW. = Duct Manhole
- BM. = Benchmark
- C.B. = Catch Basin
- GV. = Gas Valve
- SM. = Sewer Manhole
- TH. = Test Hole
- F.H. = Fire Hydrant
- P. = Pole
- F.L. = Fence Line
- E.M. = Electric Manhole
- T.S. = Transit Station
- V. = Valve
- W.M. = Water Manhole
- T.M. = Telephone Manhole
- T.P. = Telephone Pedestal

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUBSURFACE UTILITY ENGINEERING TEST HOLES
SCALE: NONE
DATE: 09/2007
DRAWN BY: KHH
CHECKED BY: FML