F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8873	00-00012-00-PK	MADISON	18	11
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97270

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

BORING LOG

QUALITY TESTING AND ENGINEERING, INC.

PROJECT MCT - Highland
LOCATION Highland, Illinois
DRILLER Midwest Drilling Inc.
SURFACE ELEVATION ____ DRILLING METHOD 4" O.D. CFA
BORING NO. B-100
SHEET 1 OF 1
PROJECT NO. 05-0384
DATE DRILLED 10/1/05

DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (INCH)	SAMPLE BLOWS (PER 6 IN)	DESCRIPTION	GRAPHIC	USFD SOIL CLASSIFICATION	BORE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (PCF)	LAB: UNCONFINED COMPRESSIVE STRENGTH (KSF)	LAB: LIQUID LIMIT	LAB: PLASTIC LIMIT	DEPTH (FT)
0					Oil & Chip 2"									0
	1	SS	6	9	FILL - Gray low plastic SILTY CLAY		FILL		17		8.0			
3				5										3
	2	SS	1	2	Brown high plastic CLAY		CH		29		4.0			
				3										
6					Boring terminated at 5 feet.									6
9														9
12														12
15														15
18														18

WATER LEVEL:
X NONE OBSERVED WHILE DRILLING
___ FT WHILE DRILLING
___ FT ___ HRS AFTER DRILLING
___ FT ___ DAYS AFTER DRILLING

REMARKS: Unconfined strength determined by hand penetrometer, unless noted.

BORING LOG

QUALITY TESTING AND ENGINEERING, INC.

PROJECT MCT - Highland
LOCATION Highland, Illinois
DRILLER Midwest Drilling Inc.
SURFACE ELEVATION ____ DRILLING METHOD 4" O.D. CFA
BORING NO. B-101
SHEET 1 OF 1
PROJECT NO. 05-0384
DATE DRILLED 10/1/05

DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (INCH)	SAMPLE BLOWS (PER 6 IN)	DESCRIPTION	GRAPHIC	USFD SOIL CLASSIFICATION	BORE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (PCF)	LAB: UNCONFINED COMPRESSIVE STRENGTH (KSF)	LAB: LIQUID LIMIT	LAB: PLASTIC LIMIT	DEPTH (FT)
0					Topsoil 12"									0
	1	SS	1	3	Brown high plastic CLAY		CH		32		4.25			
3				4										3
	2	SS	2	4	Brown and gray low plastic SILTY CLAY		CL		25		3.5			
				4										
6					Boring terminated at 5 feet.									6
9														9
12														12
15														15
18														18

WATER LEVEL:
X NONE OBSERVED WHILE DRILLING
___ FT WHILE DRILLING
___ FT ___ HRS AFTER DRILLING
___ FT ___ DAYS AFTER DRILLING

REMARKS: Unconfined strength determined by hand penetrometer, unless noted.

BORING LOG

QUALITY TESTING AND ENGINEERING, INC.

PROJECT MCT - Highland
LOCATION Highland, Illinois
DRILLER Midwest Drilling Inc.
SURFACE ELEVATION ____ DRILLING METHOD 4" O.D. CFA
BORING NO. B-102
SHEET 1 OF 1
PROJECT NO. 05-0384
DATE DRILLED 10/1/05

DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (INCH)	SAMPLE BLOWS (PER 6 IN)	DESCRIPTION	GRAPHIC	USFD SOIL CLASSIFICATION	BORE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (PCF)	LAB: UNCONFINED COMPRESSIVE STRENGTH (KSF)	LAB: LIQUID LIMIT	LAB: PLASTIC LIMIT	DEPTH (FT)
0					Topsoil 4"									0
	1	SS	2	2	Brown and gray high plastic CLAY		CH		26		4.0			
3				4										3
	2	SS	3	3	Brown and gray low plastic SILTY CLAY		CL		21		5.0			
				4										
6					Boring terminated at 5 feet.									6
9														9
12														12
15														15
18														18

WATER LEVEL:
X NONE OBSERVED WHILE DRILLING
___ FT WHILE DRILLING
___ FT ___ HRS AFTER DRILLING
___ FT ___ DAYS AFTER DRILLING

REMARKS: Unconfined strength determined by hand penetrometer, unless noted.

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

BORING LOG

QUALITY TESTING AND ENGINEERING, INC.

PROJECT MCT - Highland
LOCATION Highland, Illinois
DRILLER Midwest Drilling Inc.
SURFACE ELEVATION ____ DRILLING METHOD 4" O.D. CFA
BORING NO. B-103
SHEET 1 OF 1
PROJECT NO. 05-0384
DATE DRILLED 10/1/05

DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (INCH)	SAMPLE BLOWS (PER 6 IN)	DESCRIPTION	GRAPHIC	USFD SOIL CLASSIFICATION	BORE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (PCF)	LAB: UNCONFINED COMPRESSIVE STRENGTH (KSF)	LAB: LIQUID LIMIT	LAB: PLASTIC LIMIT	DEPTH (FT)
0					Oil & Chip 2"									0
					FILL - Crushed Rock 10"		FILL							
	1	SS	2	2	FILL - Gray low plastic SILTY CLAY		FILL		35		4.0			
3				4	Brown and gray high plastic CLAY		CH							3
	2	ST	10					1	26	99.7	4.3	60	29	
			24											
6					Boring terminated at 5 feet.									6
9														9
12														12
15														15
18														18

WATER LEVEL:
X NONE OBSERVED WHILE DRILLING
___ FT WHILE DRILLING
___ FT ___ HRS AFTER DRILLING
___ FT ___ DAYS AFTER DRILLING

REMARKS: Unconfined strength determined by hand penetrometer, unless noted.
1) Unconfined compressive strength test performed.

BORING LOG

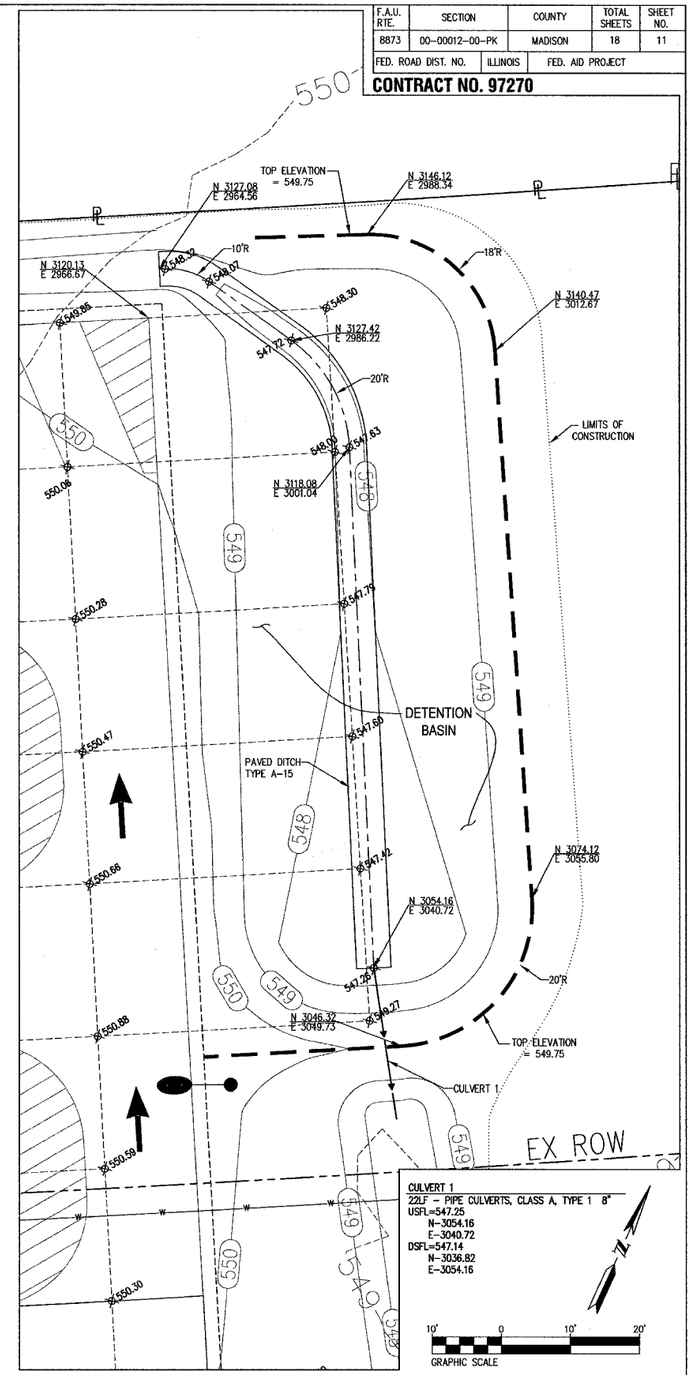
QUALITY TESTING AND ENGINEERING, INC.

PROJECT MCT - Highland
LOCATION Highland, Illinois
DRILLER Midwest Drilling Inc.
SURFACE ELEVATION ____ DRILLING METHOD 4" O.D. CFA
BORING NO. B-104
SHEET 1 OF 1
PROJECT NO. 05-0384
DATE DRILLED 10/1/05

DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE RECOVERY (INCH)	SAMPLE BLOWS (PER 6 IN)	DESCRIPTION	GRAPHIC	USFD SOIL CLASSIFICATION	BORE REMARK NO.	LAB: MOISTURE CONTENT (%)	LAB: DRY DENSITY (PCF)	LAB: UNCONFINED COMPRESSIVE STRENGTH (KSF)	LAB: LIQUID LIMIT	LAB: PLASTIC LIMIT	DEPTH (FT)
0					Topsoil 8"									0
	1	SS	2	2	Brown and gray high plastic CLAY		CH		25		4.0			
3				3										3
	2	SS	3	3	Brown and gray low plastic SILTY CLAY		CL		25		4.0			
				4										
6					Boring terminated at 5 feet.									6
9														9
12														12
15														15
18														18

WATER LEVEL:
X NONE OBSERVED WHILE DRILLING
___ FT WHILE DRILLING
___ FT ___ HRS AFTER DRILLING
___ FT ___ DAYS AFTER DRILLING

REMARKS: Unconfined strength determined by hand penetrometer, unless noted.



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Fax: (618)659-1941

DETENTION BASIN DETAILS AND BORING LOGS
HIGHLAND PARK-RIDE IMPROVEMENTS
MADISON COUNTY TRANSIT
HIGHLAND, ILLINOIS
SECTION No. 00-00012-00-PK

REVISIONS

NO.	DATE	BY	REMARKS

SCALE:

DSN. BY:	RGL/AJW	DATE:	12/20/05	SHEET 11
DWN. BY:	RGL/AJW	DATE:	12/20/05	
CHK'D:	RAK	DATE:	12/20/05	
DWG. NO.		JOB NO.	E054401	DWG NAME: OF 18 SHTS

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