

SOIL BORING LOG											
Geo Services Inc.			PAGE 1 of 1			DATE 5/8/2011			LOGGED BY RJ		
ROUTE F.A. 122 (L 394)			DESCRIPTION Wing Wall Repair - Illinois 394 South Of Bemis Road			SECTION 2010-67-T			LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.		
COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 182473			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 182.473		
BORING NO. SB-02			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 627.8			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
8.0' TOPSOIL-black											
CLAY to CLAY LOAM-gray stiff to hard (A-6)											
CLAY-brown & gray-stiff to hard (A-6)											
End Of Boring @ -25.0' Hollow Stem Augers CME Automatic Hammer											
628.8											
CLAY to CLAY LOAM-gray-stiff to hard (A-6)											

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COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 185459			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 185.459		
BORING NO. SB-03			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 638.8			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
6.0' TOPSOIL-black											
SILTY CLAY-dark gray to black-very stiff (A-6) Wet											
CLAY to CLAY LOAM-gray-very stiff to hard (A-6)											
CLAY-brown & gray-hard (A-6)											
End Of Boring @ -25.0' Hollow Stem Augers CME Automatic Hammer											
628.8											
CLAY to CLAY LOAM-gray-very stiff to hard (A-6)											

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ROUTE F.A. 122 (L 394)			DESCRIPTION Wing Wall Repair - Illinois 394 South Of Bemis Road			SECTION 2010-67-T			LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.		
COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 170495			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 170.495		
BORING NO. SB-04			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 638.8			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
10.0' TOPSOIL-black											
SILTY CLAY-dark gray to black-very stiff (A-6) Wet											
CLAY to CLAY LOAM-gray-stiff to hard (A-6)											
CLAY-brown & gray-very stiff to hard (A-6)											
End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer											
628.9											
CLAY to CLAY LOAM-gray-stiff to hard (A-6)											

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Geo Services Inc.			PAGE 1 of 1			DATE 4/28/2011			LOGGED BY RJ		
ROUTE F.A. 122 (L 394)			DESCRIPTION Wing Wall Repair - Illinois 394 South Of Bemis Road			SECTION 2010-67-T			LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.		
COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 172424			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 172.424		
BORING NO. SB-05			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 638.8			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
8.0' TOPSOIL-black											
CLAY-gray-very stiff to hard (A-6)											
CLAY-brown & gray-very stiff to hard (A-6)											
SILTY LOAM-gray-very dense (A-4)											
End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer											
627.7											
CLAY-gray-very stiff to hard (A-6)											

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Geo Services Inc.			PAGE 1 of 1			DATE 4/28/2011			LOGGED BY RJ		
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COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 178452			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 178.452		
BORING NO. SB-06			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 637.7			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
10.0' TOPSOIL-black											
SANDY CLAY LOAM-black-medium dense (FI)											
CLAY-gray-very stiff to hard (A-6)											
CRUSHED ASPHALT-dense (FI)											
End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer											
625.2											
CLAY-brown & gray-very stiff to hard (A-6)											

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COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 180441			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 180.441		
BORING NO. SB-07			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 638.7			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
12.0' TOPSOIL-black											
CLAY-gray-stiff to hard (A-6)											
SILTY CLAY to CLAY-brown & gray-stiff (A-6)											
CLAY LOAM-brown & gray-hard (A-6)											
SILTY LOAM-gray-medium dense (A-4)											
End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer											
627.6											
CLAY-gray-stiff to hard (A-6)											

SOIL BORING LOG											
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ROUTE F.A. 122 (L 394)			DESCRIPTION Wing Wall Repair - Illinois 394 South Of Bemis Road			SECTION 2010-67-T			LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.		
COUNTY Will			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. 099-0517		
STATION 183459			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 183.459		
BORING NO. SB-08			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 638.6			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
6.0' TOPSOIL with Gravel-black											
SAND & GRAVEL-dark brown-loose to medium dense (FI)											
CLAY-gray-stiff to hard (A-6)											
CLAY-brown & gray-hard (A-6)											
SILT-gray-dense (A-4)											
End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer											
628.6											
CLAY-gray-stiff to hard (A-6)											

SOIL BORING LOG											
Geo Services Inc.			PAGE 1 of 1			DATE 4/28/2011			LOGGED BY RJ		
ROUTE F.A. 190			DESCRIPTION Pump Station 24 - Discharge Sewer Pipe Work Order No. 2			SECTION 0102.5-T			LOCATION SEC. 3 & 4, T 40 N., R 12 E., LEYDEN TOWNSHIP, 3rd P.M.		
COUNTY Cook			DRILLING METHOD 2.25" Hollow Stem Auger			HAMMER TYPE CME Automatic			STRUCT. NO. ---		
STATION 189454			Surface Water Elev. 36.9			Stream Bed Elev. 36.9			Groundwater Elevation: 189.454		
BORING NO. SB-09			First Encounter Dry			Upon Completion Dry			After Hrs. 1		
Ground Surface Elev. 636.3			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)			(ft) (in) (ft) (in)		
8.0' TOPSOIL-black											
CLAY-brown & gray-very stiff (A-6)											
CLAY LOAM-gray-very stiff to hard (A-6)											
SANDY LOAM-dark brown-very loose (A-2)											
SILT-gray-very dense (A-4)											
End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer											
628.9											
CLAY LOAM-brown & gray-stiff (A-6)											
CLAY LOAM-gray-very stiff to hard (A-6)											

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USER NAME = 2bookd
 DESIGNED - DJB
 DRAWN - ENTRAN
 CHECKED - DAK
 DATE = 09/07/11

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PUMP STATION 24 STORM SEWER IMPROVEMENTS
 SOIL BORING LOGS

SCALE: 20.00' / IN. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 0102.5-T	COUNTY COOK	TOTAL SHEETS 41	SHEET NO. 35
CONTRACT NO. 60F90				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT