

Wang Engineering
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 1145 N Main Street
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BORING LOG NW-7A-03
 WEI Job No.: 775-13-01

Datum: NGVD
 Elevation: 695.44 ft
 North: 1776430.73 ft
 East: 1092028.52 ft
 Station: 877+50.11
 Offset: 66.53 LT

Client: **Ciorba Group, Inc.**
 Project: **FAI-80 from US 30 to US 45**
 Location: **Will County**

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BORING LOG NW-7A-04
 WEI Job No.: 775-13-01

Datum: NGVD
 Elevation: 698.40 ft
 North: 1776341.07 ft
 East: 1091743.88 ft
 Station: 874+51.68
 Offset: 65.14 LT

Client: **Ciorba Group, Inc.**
 Project: **FAI-80 from US 30 to US 45**
 Location: **Will County**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
691.7	Medium dense, brown LOAM, some gravel --FILL--	1	3610	NP	14		695.4		11	345	1.39	15	
688.9	Very stiff, black SILTY CLAY, with plant material --BURIED TOPSOIL--	2	446	3.50	22				12	5810	1.23	14	
	Stiff to hard, brown to gray SILTY CLAY to SILTY CLAY LOAM, trace gravel	3	336	1.50	31				13	258	2.38	22	
		4	456	2.95	22				14	367	2.05	22	
		5	4810	6.56	17				15	51012	5.41	16	
		6	51012	5.41	16				16	3610	4.84	16	
		7	3610	4.84	16				17	358	3.85	18	
		8	3610	5.08	18				18	357	3.20	13	
		9	358	3.85	18				19				
		10	357	3.20	13				20				
									25				

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
697.4	12-inch thick, brown SILTY LOAM, some gravel --FILL--	1	365	4.26	13		670.4		11	5710	2.87	18	
	Very stiff to hard, SILTY CLAY, trace gravel	2	336	3.44	15				12	61213	NP	10	
		3	336	3.20	15				13	132018	NP	5	
		4	335	3.20	15				14	131850/5	NP	11	
		5	335	2.38	15				15				
684.6	Medium dense, gray SILT, moist	6	355	NP	21				16				
682.9	Very stiff, gray SILTY CLAY, trace gravel	7	348	3.36	16				17				
680.4	Medium dense, gray SILT, moist	8	578	NP	19				18				
677.9	Very stiff, gray SILTY CLAY, trace gravel	9	677	3.03	15				19				
		10	378	3.03	16				20				
									25				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-20-2010	Complete Drilling	10-20-2010	While Drilling	▽	DRY	
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	▽	DRY	
Driller	T&M	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Drilling Method	3.25 IDA HSA; Boring backfilled upon completion	Depth to Water	▽	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-20-2010	Complete Drilling	10-21-2010	While Drilling	▽	28.50 ft	
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	▽	26.00 ft	
Driller	T&M	Logger	B. Wilson	Time After Drilling	NA		
Checked by	C. Marin	Drilling Method	3.25 IDA HSA; Boring backfilled upon completion	Depth to Water	▽	NA	

C:\pco\228415_mose_well\11\borings\Soil_Borings\228415\228415-03-01-04-01-05-01-06-01-07-01-08-01-09-01-10-01-11-01-12-01-13-01-14-01-15-01-16-01-17-01-18-01-19-01-20-01-21-01-22-01-23-01-24-01-25-01-26-01-27-01-28-01-29-01-30-01-31-01-32-01-33-01-34-01-35-01-36-01-37-01-38-01-39-01-40-01-41-01-42-01-43-01-44-01-45-01-46-01-47-01-48-01-49-01-50-01-51-01-52-01-53-01-54-01-55-01-56-01-57-01-58-01-59-01-60-01-61-01-62-01-63-01-64-01-65-01-66-01-67-01-68-01-69-01-70-01-71-01-72-01-73-01-74-01-75-01-76-01-77-01-78-01-79-01-80-01-81-01-82-01-83-01-84-01-85-01-86-01-87-01-88-01-89-01-90-01-91-01-92-01-93-01-94-01-95-01-96-01-97-01-98-01-99-01-100-01-101-01-102-01-103-01-104-01-105-01-106-01-107-01-108-01-109-01-110-01-111-01-112-01-113-01-114-01-115-01-116-01-117-01-118-01-119-01-120-01-121-01-122-01-123-01-124-01-125-01-126-01-127-01-128-01-129-01-130-01-131-01-132-01-133-01-134-01-135-01-136-01-137-01-138-01-139-01-140-01-141-01-142-01-143-01-144-01-145-01-146-01-147-01-148-01-149-01-150-01-151-01-152-01-153-01-154-01-155-01-156-01-157-01-158-01-159-01-160-01-161-01-162-01-163-01-164-01-165-01-166-01-167-01-168-01-169-01-170-01-171-01-172-01-173-01-174-01-175-01-176-01-177-01-178-01-179-01-180-01-181-01-182-01-183-01-184-01-185-01-186-01-187-01-188-01-189-01-190-01-191-01-192-01-193-01-194-01-195-01-196-01-197-01-198-01-199-01-200-01-201-01-202-01-203-01-204-01-205-01-206-01-207-01-208-01-209-01-210-01-211-01-212-01-213-01-214-01-215-01-216-01-217-01-218-01-219-01-220-01-221-01-222-01-223-01-224-01-225-01-226-01-227-01-228-01-229-01-230-01-231-01-232-01-233-01-234-01-235-01-236-01-237-01-238-01-239-01-240-01-241-01-242-01-243-01-244-01-245-01-246-01-247-01-248-01-249-01-250-01-251-01-252-01-253-01-254-01-255-01-256-01-257-01-258-01-259-01-260-01-261-01-262-01-263-01-264-01-265-01-266-01-267-01-268-01-269-01-270-01-271-01-272-01-273-01-274-01-275-01-276-01-277-01-278-01-279-01-280-01-281-01-282-01-283-01-284-01-285-01-286-01-287-01-288-01-289-01-290-01-291-01-292-01-293-01-294-01-295-01-296-01-297-01-298-01-299-01-300-01-301-01-302-01-303-01-304-01-305-01-306-01-307-01-308-01-309-01-310-01-311-01-312-01-313-01-314-01-315-01-316-01-317-01-318-01-319-01-320-01-321-01-322-01-323-01-324-01-325-01-326-01-327-01-328-01-329-01-330-01-331-01-332-01-333-01-334-01-335-01-336-01-337-01-338-01-339-01-340-01-341-01-342-01-343-01-344-01-345-01-346-01-347-01-348-01-349-01-350-01-351-01-352-01-353-01-354-01-355-01-356-01-357-01-358-01-359-01-360-01-361-01-362-01-363-01-364-01-365-01-366-01-367-01-368-01-369-01-370-01-371-01-372-01-373-01-374-01-375-01-376-01-377-01-378-01-379-01-380-01-381-01-382-01-383-01-384-01-385-01-386-01-387-01-388-01-389-01-390-01-391-01-392-01-393-01-394-01-395-01-396-01-397-01-398-01-399-01-400-01-401-01-402-01-403-01-404-01-405-01-406-01-407-01-408-01-409-01-410-01-411-01-412-01-413-01-414-01-415-01-416-01-417-01-418-01-419-01-420-01-421-01-422-01-423-01-424-01-425-01-426-01-427-01-428-01-429-01-430-01-431-01-432-01-433-01-434-01-435-01-436-01-437-01-438-01-439-01-440-01-441-01-442-01-443-01-444-01-445-01-446-01-447-01-448-01-449-01-450-01-451-01-452-01-453-01-454-01-455-01-456-01-457-01-458-01-459-01-460-01-461-01-462-01-463-01-464-01-465-01-466-01-467-01-468-01-469-01-470-01-471-01-472-01-473-01-474-01-475-01-476-01-477-01-478-01-479-01-480-01-481-01-482-01-483-01-484-01-485-01-486-01-487-01-488-01-489-01-490-01-491-01-492-01-493-01-494-01-495-01-496-01-497-01-498-01-499-01-500-01-501-01-502-01-503-01-504-01-505-01-506-01-507-01-508-01-509-01-510-01-511-01-512-01-513-01-514-01-515-01-516-01-517-01-518-01-519-01-520-01-521-01-522-01-523-01-524-01-525-01-526-01-527-01-528-01-529-01-530-01-531-01-532-01-533-01-534-01-535-01-536-01-537-01-538-01-539-01-540-01-541-01-542-01-543-01-544-01-545-01-546-01-547-01-548-01-549-01-550-01-551-01-552-01-553-01-554-01-555-01-556-01-557-01-558-01-559-01-560-01-561-01-562-01-563-01-564-01-565-01-566-01-567-01-568-01-569-01-570-01-571-01-572-01-573-01-574-01-575-01-576-01-577-01-578-01-579-01-580-01-581-01-582-01-583-01-584-01-585-01-586-01-587-01-588-01-589-01-590-01-591-01-592-01-593-01-594-01-595-01-596-01-597-01-598-01-599-01-600-01-601-01-602-01-603-01-604-01-605-01-606-01-607-01-608-01-609-01-610-01-611-01-612-01-613-01-614-01-615-01-616-01-617-01-618-01-619-01-620-01-621-01-622-01-623-01-624-01-625-01-626-01-627-01-628-01-629-01-630-01-631-01-632-01-633-01-634-01-635-01-636-01-637-01-638-01-639-01-640-01-641-01-642-01-643-01-644-01-645-01-646-01-647-01-648-01-649-01-650-01-651-01-652-01-653-01-654-01-655-01-656-01-657-01-658-01-659-01-660-01-661-01-662-01-663-01-664-01-665-01-666-01-667-01-668-01-669-01-670-01-671-01-672-01-673-01-674-01-675-01-676-01-677-01-678-01-679-01-680-01-681-01-682-01-683-01-684-01-685-01-686-01-687-01-688-01-689-01-690-01-691-01-692-01-693-01-694-01-695-01-696-01-697-01-698-01-699-01-700-01-701-01-702-01-703-01-704-01-705-01-706-01-707-01-708-01-709-01-710-01-711-01-712-01-713-01-714-01-715-01-716-01-717-01-718-01-719-01-720-01-721-01-722-01-723-01-724-01-725-01-726-01-727-01-728-01-729-01-730-01-731-01-732-01-733-01-734-01-735-01-736-01-737-01-738-01-739-01-740-01-741-01-742-01-743-01-744-01-745-01-746-01-747-01-748-01-749-01-750-01-751-01-752-01-753-01-754-01-755-01-756-01-757-01-758-01-759-01-760-01-761-01-762-01-763-01-764-01-765-01-766-01-767-01-768-01-769-01-770-01-771-01-772-01-773-01-774-01-775-01-776-01-777-01-778-01-779-01-780-01-781-01-782-01-783-01-784-01-785-01-786-01-787-01-788-01-789-01-790-01-791-01-792-01-793-01-794-01-795-01-796-01-797-01-798-01-799-01-800-01-801-01-802-01-803-01-804-01-805-01-806-01-807-01-808-01-809-01-810-01-811-01-812-01-813-01-814-01-815-01-816-01-817-01-818-01-819-01-820-01-821-01-822-01-823-01-824-01-825-01-826-01-827-01-828-01-829-01-830-01-831-01-832-01-833-01-834-01-835-01-836-01-837-01-838-01-839-01-840-01-841-01-842-01-843-01-844-01-845-01-846-01-847-01-848-01-849-01-850-01-851-01-852-01-853-01-854-01-855-01-856-01-857-01-858-01-859-01-860-01-861-01-862-01-863-01-864-01-865-01-866-01-867-01-868-01-869-01-870-01-871-01-872-01-873-01-874-01-875-01-876-01-877-01-878-01-879-01-880-01-881-01-882-01-883-01-884-01-885-01-886-01-887-01-888-01-889-01-890-01-891-01-892-01-893-01-894-01-895-01-896-01-897-01-898-01-899-01-900-01-901-01-902-01-903-01-904-01-905-01-906-01-907-01-908-01-909-01-910-01-911-01-912-01-913-01-914-01-915-01-916-01-917-01-918-01-919-01-920-01-921-01-922-01-923-01-924-01-925-01-926-01-927-01-928-01-929-01-930-01-931-01-932-01-933-01-934-01-935-01-936-01-937-01-938-01-939-01-940-01-941-01-942-01-943-01-944-01-945-01-946-01-947-01-948-01-949-01-950-01-951-01-952-01-953-01-954-01-955-01-956-01-957-01-958-01-959-01-960-01-961-01-962-01-963-01-964-01-965-01-966-01-967-01-968-01-969-01-970-01-971-01-972-01-973-01-974-01-975-01-976-01-977-01-978-01-979-01-980-01-981-01-982-01-983-01-984-01-985-01-986-01-987-01-988-01-989-01-990-01-991-01-992-01-993-01-994-01-995-01-996-01-997-01-998-01-999-01-1000-01-1001-01-1002-01-1003-01-1004-01-1005-01-1006-01-1007-01-1008-01-1009-01-1010-01-1011-01-1012-01-1013-01-1014-01-1015-01-1016-01-1017-01-1018-01-1019-01-1020-01-1021-01-1022-01-1023-01-1024-01-1025-01-1026-01-1027-01-1028-01-1029-01-1030-01-1031-01-1032-01-1033-01-1034-01-1035-01-1036-01-1037-01-1038-01-1039-01-1040-01-1041-01-1042-01-1043-01-1044-01-1045-01-1046-01-1047-01-1048-01-1049-01-1050-01-1051-01-1052-01-1053-01-1054-01-1055-01-1056-01-1057-01-1058-01-1059-01-1060-01-1061-01-1062-01-1063-01-1064-01-1065-01-1066-01-1067-01-1068-01-1069-01-1070-01-1071-01-1072-01-1073-01-1074-01-1075-01-1076-01-1077-01-1078-01-1079-01-1080-01-1081-01-1082-01-1083-01-1084-01-1085-01-1086-01-1087-01-1088-01-1089-01-1090-01-1091-01-1092-01-1093-01-1094-01-1095-01-1096-01-1097-01-1098-01-1099-01-1100-01-1101-01-1102-01-1103-01-1104-01-1105-01-1106-01-1107-01-1108-01-1109-01-1110-01-1111-01-1112-01-1113-01-1114-01-1115-01-1116-01-1117-01-1118-01-1119-01-1120-01-1121-01-1122-01-1123-01-1124-01-1125-01-1126-01-1127-01-1128-01-1129-01-1130-01-1131-01-1132-01-1133-01-1134-01-1135-01-1136-01-1137-01-1138-01-1139-01-1140-01-1141-01-1142-01-1143-01-1144-01-1145-01-1146-01-1147-01-1148-01-1149-01-1150-01-1151-01-1152-01-1153-01-1154-01-1155-01-1156-01-1157-01-1158-01-1159-01-1160-01-1161-01-1162-01-1163-