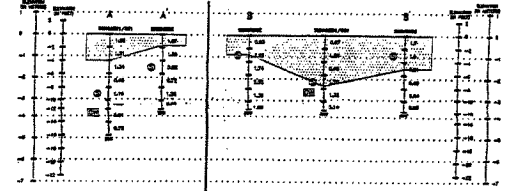
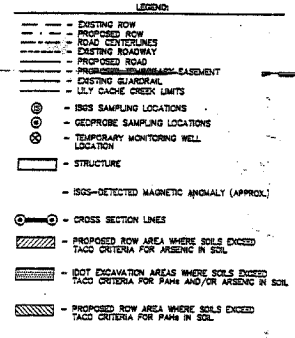
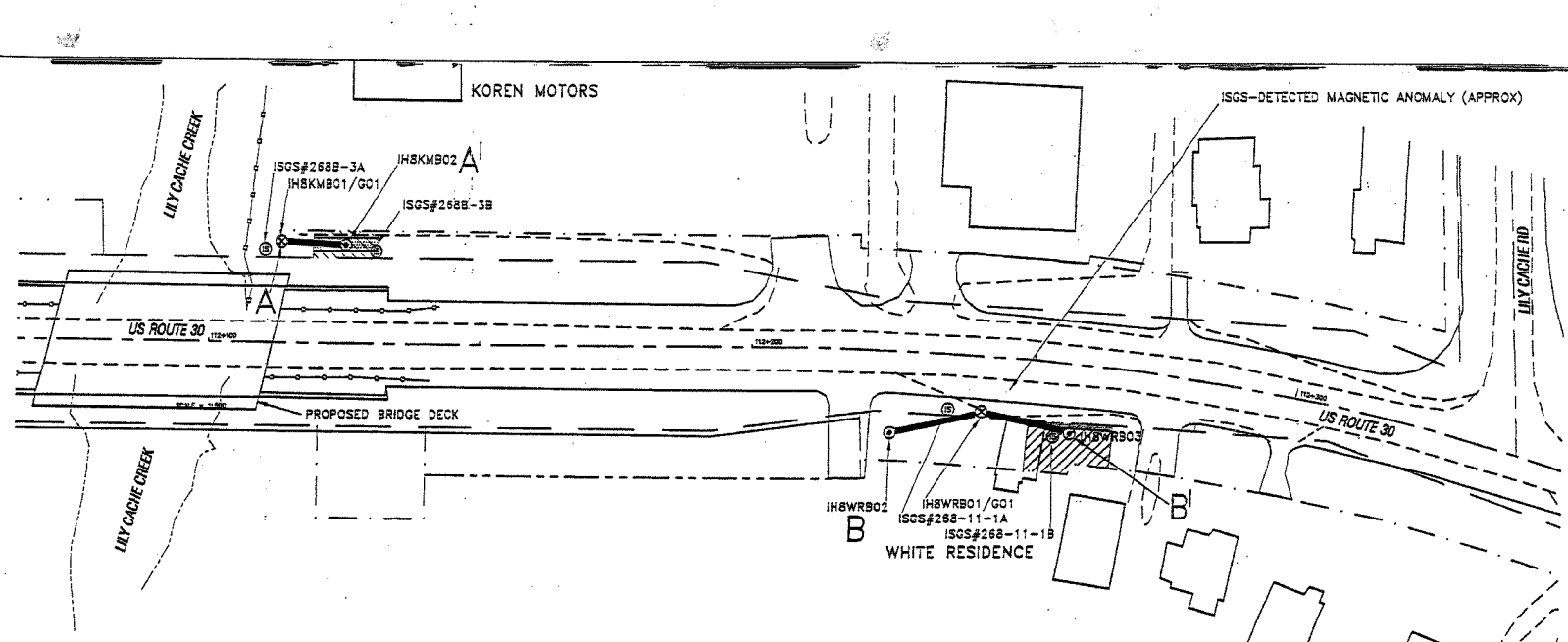


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	14-B-R1 & 15N-3	WILL	143	110
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CROSS SECTION LEGEND

SOIL SAMPLE COLLECTED
 - SOIL SAMPLE COLLECTED
 - SOIL SAMPLE COLLECTED
 - NO READING (EXCEEDS LIMITS)
 - NO READING (EXCEEDS LIMITS)
 - NO READING (EXCEEDS LIMITS)
 - NO READING (EXCEEDS LIMITS)
 - NO READING (EXCEEDS LIMITS)
 - NO READING (EXCEEDS LIMITS)

HORIZONTAL SCALE 1:50
 VERTICAL SCALE 1:100

PROPERTY	CONTAMINANTS OF CONCERN										PROPERTY
	KOREN MOTORS					WHITE RESIDENCE					
	SAMPLE NUMBER	IHSKMB01(8-10)	IHSKMB01(8-10)D	IHSKMB02(4-8)	IHSKMG01	IHSKMG01D	IHSWRB01(8-8)	IHSWRB02(2-4)	IHSWRB03(2-4)	IHSWRG01	
MATRIX	Soil	Soil	Soil	Water	Water	Soil	Soil	Soil	Water	Water	MATRIX
SAMPLE DEPTH (m)	2.4-3.0	2.4-3.0	1.2-1.8	0.0-0.0	0.0-0.0	1.8-2.4	0.8-1.2	0.8-1.2	0.0-0.0	0.0-0.0	SAMPLE DEPTH (m)
ANALYTE GROUP (Units) / ANALYTE											
Polynuclear Aromatic Hydrocarbons (soil: ug/kg, water: ug/L)											
Acenaphthene	160 N	111 J	1,340 n	ND	ND	ND	ND	ND	ND	ND	Acenaphthene
Anthracene	82.2 N	33.9 N	520 N	ND	ND	ND	ND	ND	ND	ND	Anthracene
Benz(a)anthracene	46.1 N	33.1 N	297 N	ND	ND	ND	3.58 J	ND	ND	ND	Benz(a)anthracene
Benz(a)pyrene	49.0 N	34.9 N	450 N	0.0918 J	0.124 J	ND	11.2 N	2.73 J	ND	ND	Benz(a)pyrene
Benz(b)fluoranthene	52.4 N	41.0 N	379 N	ND	ND	ND	9.09 J	13.4 N	ND	ND	Benz(b)fluoranthene
Benz(g,h)perylene	47.3 N nc	40.4 N nc	309 N nc	ND	ND	ND	16.7 J nc	17.3 J nc	ND	ND	Benz(g,h)perylene
Benz(k)fluoranthene	32.5 N	22.5 N	212 N	ND	ND	ND	ND	ND	ND	ND	Benz(k)fluoranthene
Chrysene	62.5 N	44.1 N	358 N	ND	ND	ND	7.84 J	4.41 J	ND	ND	Chrysene
Dibenz(a,h)anthracene	58.7 N	71.9 N	255 N	ND	ND	ND	22.2 J	25.9 N	0.107 J	ND	Dibenz(a,h)anthracene
Fluoranthene	267 N	207 N	1,570 N	ND	ND	ND	31.0 N	9.90 J	ND	ND	Fluoranthene
Fluorene	38.9 N	14.5 N	244 N	ND	ND	ND	ND	ND	ND	ND	Fluorene
Indeno(1,2,3-cd)pyrene	38.0 N	27.6 N	230 N	ND	ND	ND	11.5 N	19.0 N	ND	ND	Indeno(1,2,3-cd)pyrene
Phenanthrene	200 N nc	98.0 N nc	863 N nc	0.0764 J nc	0.0675 J nc	ND	7.70 J nc	4.03 J nc	ND	ND	Phenanthrene
Pyrene	187 N	119 N	1,180 N	ND	ND	ND	23.3 J	6.09 J	ND	ND	Pyrene
Inorganics (soil: mg/kg, water: ug/L)											
Arsenic	11.2	10.9	11.1	ND	ND	4.08	11.7	21.1	nb	ND	Arsenic
Barium	132 b	132 b	105	78.1	79.2	10.9	144 b	134 b	66.5	ND	Barium
Cadmium	1.00 b	1.11 b	1.16 b	ND	ND	0.253 J	0.517 J b	0.839 b	ND	ND	Cadmium
Chromium	18.2 b	18.4 b	13.7	ND	ND	4.35	22.9 b	25.9 b	ND	ND	Chromium
Lead	41.4 b	46.7 b	62.5 b	ND	ND	6.65	39.4 b	23.6	ND	ND	Lead
Mercury	0.125 b	0.156 b	0.103 b	ND	ND	0.0322 J	0.158 b	0.123 b	ND	ND	Mercury
Selenium	1.41 b	1.16 J b	0.976 J b	10.9 J	13.4 J	0.969 J b	ND	1.03 J b	ND	ND	Selenium
Silver	0.757 J b	0.477 J	0.644 J b	ND	ND	2.96 b	ND	0.548 J	ND	ND	Silver
TCLP Metals (mg/L)											
Arsenic	ND	ND	0.0137 J	NA	NA	ND	ND	ND	NA	NA	Arsenic
Barium	0.804	0.550	0.603	NA	NA	0.145	0.446	0.429	NA	NA	Barium
Chromium	ND	0.00124 J	0.00146 J	NA	NA	0.00134 J	0.00123 J	ND	NA	NA	Chromium
Lead	ND	ND	ND	NA	NA	0.00671 J	ND	ND	NA	NA	Lead
Selenium	0.0187 J	0.0152 J	0.0168 J	NA	NA	0.0167 J	0.0108 J	0.0142 J	NA	NA	Selenium
Silver	0.00907 J	0.00667 J	0.00625 J	NA	NA	0.0142 J	0.00658 J	0.00650 J	NA	NA	Silver

DATA SET AND TACO QUALITIES

Key:
 Laboratory Qualifiers and Abbreviations:
 ND = Not Detected
 NA = Not Analyzed
 J = Estimated Value
 J nc = Sample was not analyzed by discrete procedure.
 ug/kg = Micrograms per kilogram.
 ug/L = Micrograms per liter.
 n = Nonsensical.
 TCLP = Toxicity Characteristic Leaching Procedure.
 SPLP = Synthetic Precipitation Leaching Procedure.

TACO Qualities (Applied by E & E Chicago):
 n = No applicable TACO rules in force for this compound.
 J = Not measured pursuant to Tier 1 and Remediation Objectives for Residential and Industrial/Commercial Properties (see Appendix A, Table A.1).
 J nc = Not measured pursuant to Tier 1 and Remediation Objectives for Residential and Industrial/Commercial Properties (see Appendix A, Table A.1 and A.2).
 J = Not measured pursuant to background concentrations for applicable inorganic anions as listed by State Comp. TACO Appendix A, Table C.

FOR INFORMATION ONLY

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DRAWN BY: R. SLAUGHTER	APPROVED BY: D. TIEBOUT/D. KLATT

PLOTTED: 04-23-2002

INVESTIGATION DATA SUMMARY:
 1) BORING LOCATIONS
 2) VOC HEADSPACE CROSS-SECTIONAL PROFILES
 3) TABLE OF CONTAMINANTS OF CONCERN

CONTRACT PTB #: 110-047 ROUTE: US RTE 30
 IDOT PROJECT #: P-91-051-86 PLAINFIELD
 WORK ORDER #: 056 WILL CO., IL

SCALE	DATE ISSUED	C.A.S. FILE NO.	DRAWING NO.	REV.
SEE ABOVE	APR 2002	IHS0018_P11	PLATE 1	