

F.A. ROUTE	SECTION
999	82-1B-2
FED. AID PROJECT	ILLINOIS

COUNTY ST. CLAIR

USER NAME = John Keaven  
 PLOT SCALE = 1.0000' / IN.  
 PLOT DATE = 4/14/2010

DESIGNED - HNTB  
 CHECKED - CMT  
 DRAWN - CMT / HNTB

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**SCHEDULE OF QUANTITIES**  
 ILLINOIS APPROACH STRUCTURE  
 FOR NEW I-70 MISSISSIPPI RIVER BRIDGE  
 SHEET 3 OF 3

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 MISSOURI HIGHWAYS  
 AND TRANSPORTATION COMMISSION

**HNTB**  
 715 KIRK DRIVE  
 KANSAS CITY, MO 64105  
 TELEPHONE (816) 472-1201  
 CERTIFICATE OF AUTHORITY  
 NO. 001270

**CMT**  
 CRANFORD, MURPHY & TILLY, INC.  
 2750 WEST WASHINGTON STREET  
 SPRINGFIELD, IL 62702  
 TELEPHONE (217) 787-8050  
 ENGINEERING CORPORATION - 000631

RIGHT-OF-WAY AND PROPERTY CORNERS			
LOCATION	RIGHT-OF-WAY AND PROPERTY CORNERS (EACH)	SECTION CORNER MARKERS (EACH)	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS (EACH)
RELOCATED I-70			
STA 96+63.02, 100' RT			1
STA 96+87.21, 100' LT			1
STA 115+03.43, 100' RT (STA 47+07.70, 12.50' LT ACC RD 2)			1
STA 115+05.28, 100' LT (STA 57+93.05, 12.50' RT ACC RD 1)			1
STA 115+37.86, 100' RT (STA 47+29.09, 12.50' RT ACC RD 2)			1
STA 115+39.71, 100' LT (STA 57+67.01, 12.50' LT ACC RD 1)			1
STA 121+39.13, 100' LT			1
STA 121+64.14, 100' RT			1
STA 122+57.33, 100' RT			1
STA 122+82.35, 100' RT			1
STA 123+40.13, 100' LT			1
STA 123+40.13, 100' RT			1
STA 124+29.76, 100' RT			1
STA 124+56.12, 100' RT			1
STA 125+50.99, 100' LT			1
STA 126+74.14, 100' RT			1
STA 127+11.61, 100' LT			1
STA 127+75.16, 87.28' RT			1
STA 127+84.04, 133.29' RT			1
ACCESS ROADS: 1, 2, 7	5	5	
<b>TOTALS</b>	<b>5</b>	<b>5</b>	<b>19</b>

TUBULAR GATES, 4.5' x 16' SINGLE	
LOCATION	TUBULAR GATES 4.5' x 16' SINGLE (EACH)
ACCESS ROAD 1 STA 10+40, CL	1
ACCESS ROAD 2 STA 13+10, CL	1
ACCESS ROAD 3 STA 24+00, CL	1
<b>TOTAL</b>	<b>3</b>

FULL DEPTH RUBBER CROSSING	
LOCATION	FULL DEPTH RUBBER CROSSING (EACH)
ACCESS ROAD 2 STA. 12+28.00, CL (51' Minimum)	1
STA. 51+86.00, CL (30' Centered on Access Road)	1
<b>TOTAL</b>	<b>2</b>

TEMPORARY ACCESS ROAD (SPECIAL)									
LOCATION	2" CA-6	10" CA-7	12" CA-5	10 OUNCE NONWOVEN GEOTEXTILE	60 MIL HEAVY DUTY, TEXTURED (BOTH SIDES) GEOMEMBRANE	HEAVY DUTY GEOGRID	STANDARD DUTY GEOGRID	PIPE UNDERDRAINS 4" PERFORATED PVC PIPE	PIPE UNDERDRAIN OUTLET 4" PVC PIPE
	(SO YD)	(SO YD)	(SO YD)	(SO YD)	(SO YD)	(SO YD)	(SO YD)	(FOOT)	(FOOT)
ACCESS ROAD 1									
STA 22+00.00 TO 42+85.00	3700	3700	3700	5632	5632	3700	3700		70
STA 43+15.00 TO 46+40.00	541	541	541	813	813	541	541		56
STA 21+40.00									
STA 24+20.00									
STA 21+80.00 TO STA 42+85.00, 7' LT AND RT								4211	10
STA 43+15.00 TO STA 45+50.00, 7' LT AND RT								470	10
STA 21+80.00 LT									10
STA 21+80.00 RT									10
STA 28+60.00 LT									10
STA 31+00.00 LT									10
STA 33+50.00 LT									10
STA 36+00.00 LT									12
STA 39+00.00 RT									15
STA 39+25.00 LT									11
STA 41+00.00 LT									21
STA 41+00.00 RT									14
STA 42+85.00 LT									24
STA 42+85.00 RT									21
STA 45+50.00 LT									17
STA 45+50.00 RT									14
<b>TOTALS</b>	<b>4241</b>	<b>4241</b>	<b>4241</b>	<b>6445</b>	<b>6445</b>	<b>4241</b>	<b>4241</b>	<b>4681</b>	<b>325</b>

\* INCLUDED IN TEMPORARY ACCESS ROAD (SPECIAL). SEE TEMPORARY ACCESS ROAD (SPECIAL) SPECIAL PROVISION FOR ADDITIONAL REQUIREMENTS.

PIPE CULVERTS				
LOCATION	PIPE CULVERTS, CLASS A, TYPE 2 12"	CONCRETE COLLAR	REINFORCEMENT BARS	TRENCH BACKFILL
	(FOOT)	(CU YD)	(POUND)	(CU YD)
ACCESS ROAD 1				
STA 13+06.50, 36.44' RT TO STA 13+83.78, 33.14' LT	104	0.22	70	13.7
STA 13+11.93, 42.02' RT TO STA 13+89.05, 26.80' LT	104	0.22	70	13.7
<b>TOTALS</b>	<b>208</b>	<b>0.4</b>	<b>140</b>	<b>27</b>

TEMPORARY ACCESS ROAD (SPECIAL), MAINTENANCE		
LOCATION	TEMPORARY ACCESS ROAD (SPECIAL), MAINTENANCE (FOOT)	AGGREGATE SURFACE COURSE, TYPE A (TON)
ACCESS ROAD 1		
STA 22+00.00 TO 46+40.00	970000	11000
<b>TOTALS</b>	<b>970000</b>	<b>11000</b>