

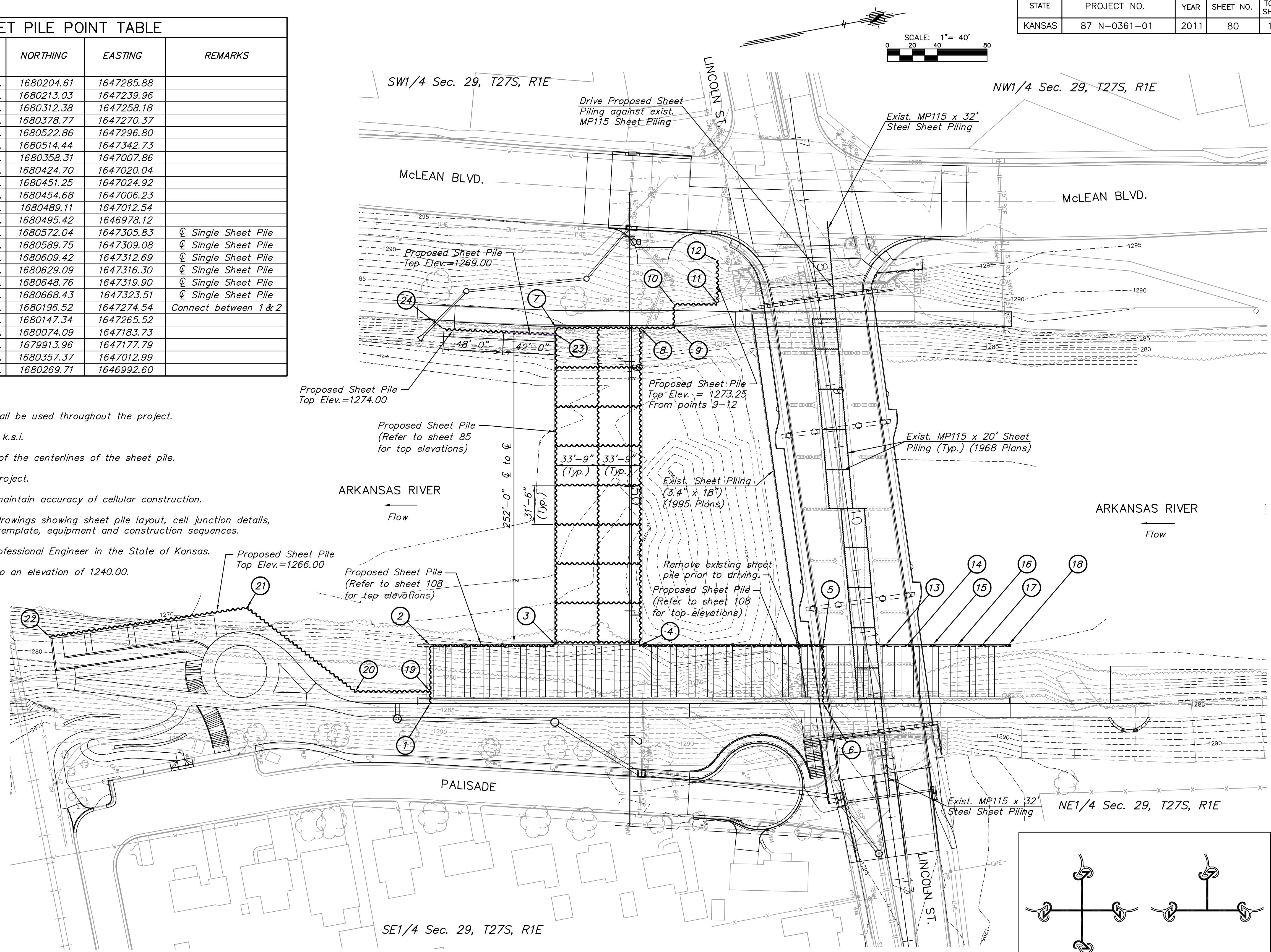
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0361-01	2011	80	169

**MKEC**  
ENGINEERING  
CONSULTANTS, INC.  
411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

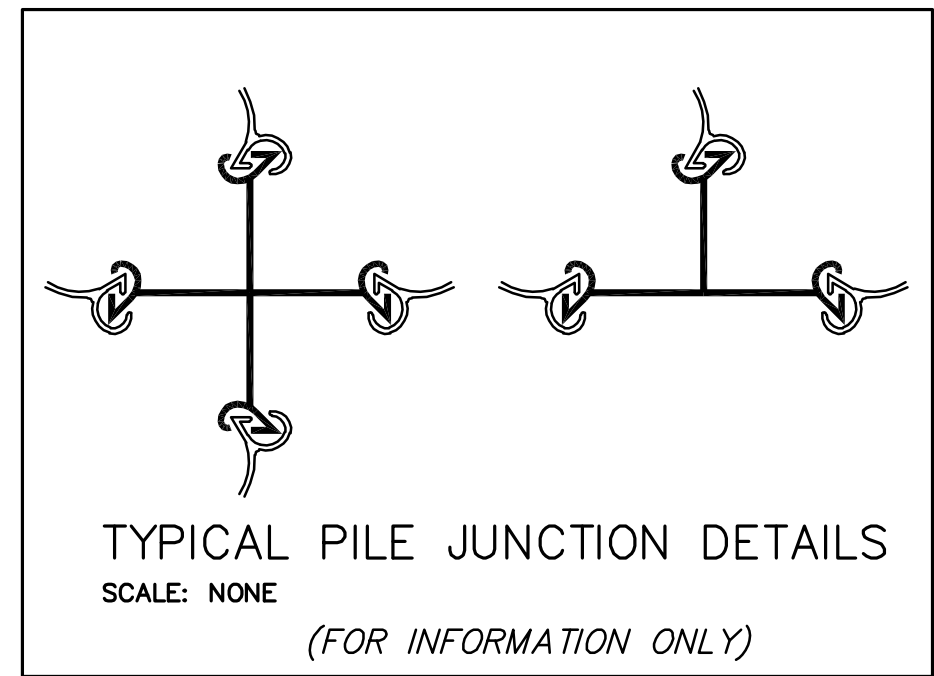
SHEET PILE POINT TABLE					
POINT NO.	STATION DAM BASELINE	OFFSET	NORTHING	EASTING	REMARKS
1	51+74.19	160.13' Rt.	1680204.61	1647285.88	
2	51+27.50	160.13' Rt.	1680213.03	1647239.96	
3	51+27.50	59.13' Rt.	1680312.38	1647258.18	
4	51+27.50	8.38' Lt.	1680378.77	1647270.37	
5	51+27.50	154.87' Lt.	1680522.86	1647296.80	
6	51+74.19	154.87' Lt.	1680514.44	1647342.73	
7	48+73.00	59.13' Rt.	1680358.31	1647007.86	
8	48+73.00	8.38' Lt.	1680424.70	1647020.04	
9	48+73.00	35.38' Lt.	1680451.25	1647024.92	
10	48+54.00	35.38' Lt.	1680454.68	1647006.23	
11	48+54.00	70.37' Lt.	1680489.11	1647012.54	
12	48+19.00	70.37' Lt.	1680495.42	1646978.12	
13	51+27.50	204.87' Lt.	1680572.04	1647305.83	⊕ Single Sheet Pile
14	51+27.50	222.87' Lt.	1680589.75	1647309.08	⊕ Single Sheet Pile
15	51+27.50	242.87' Lt.	1680609.42	1647312.69	⊕ Single Sheet Pile
16	51+27.50	262.87' Lt.	1680629.09	1647316.30	⊕ Single Sheet Pile
17	51+27.50	282.87' Lt.	1680648.76	1647319.90	⊕ Single Sheet Pile
18	51+27.50	302.87' Lt.	1680668.43	1647323.51	⊕ Single Sheet Pile
19	51+64.38	160.13' Rt.	1680196.52	1647274.54	Connect between 1 & 2
20	51+64.50	220.12' Rt.	1680147.34	1647265.52	
21	50+97.27	306.94' Rt.	1680074.09	1647183.73	
22	51+20.33	465.51' Rt.	1679913.96	1647177.79	
23	48+78.21	59.13' Rt.	1680357.37	1647012.99	
24	48+73.98	149.03' Rt.	1680269.71	1646992.60	

**Notes:**

- Sheet Pile SCZ21 or approved equal shall be used throughout the project.
- Material ASTM 572 Grade 50.  $F_y = 50$  k.s.i.
- Coordinate points are the intersection of the centerlines of the sheet pile.
- All sheet pile is included in the dam project.
- Drive sheet piling with a template to maintain accuracy of cellular construction.
- Contractor to submit sheet pile shop drawings showing sheet pile layout, cell junction details, fabrication details, driving procedures, template, equipment and construction sequences.
- Shop drawings shall be sealed by a Professional Engineer in the State of Kansas.
- Estimated sheet pile driving elevation to an elevation of 1240.00.
- Drive all piling to a safe bearing value of 27 tons per foot of sheet pile as determined by KDOT Standard Specifications for piling.
- Remove all conflicting existing sheet piling to facilitate driving. All materials, equipment and labor for sheet pile removal shall be subsidiary to the bid item "Sheet Pile".
- When obstructions encountered during driving remove obstruction and continue driving. All materials, equipment and labor shall be subsidiary to the bid item "Sheet Pile".



DAM FOUNDATION PLAN AND SHEET PILE LAYOUT  
SCALE: 1"=40'



**LINCOLN STREET BRIDGE AND  
DAM IMPROVEMENTS OVER  
ARKANSAS RIVER**

**DAM FOUNDATION PLAN**  
SHEET TITLE  
472-84883  
PROJECT NUMBER

DESIGN BY JAG  
DRAWN BY DMU  
CHECKED BY KJS

ISSUED 1/24/2011  
REVISED

SHEET NO.  
**80 of 169**

PLOTED: Tuesday, January 25, 2011 @ 08:45AM

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