

Sharon K. Williams, District 1  
Junior Watkins, District 2  
District 3  
Chairperson-Andrew A. Rand, District 4  
Brandy Bryant, District 5  
Eden S. Blair, District 6  
James C. Dillon, District 7  
Phillip Salzer, District 8  
Kathrin Pastucha, District 9



Andrew A. Rand - Chairperson  
Rachael Parker - County Clerk

Robert Reneau, District 10  
Linda Daley, District 11  
Rachel Reliford, District 12  
Vice-Chairperson-James T. Fennell, District 13  
Brian Elsasser, District 14  
Steven Rieker, District 15  
Matthew Windish, District 16  
Jennifer Groves Allison, District 17  
Paul Rosenbohm, District 18

**PEORIA COUNTY BOARD  
MEETING AGENDA  
Thursday, May 14, 2020  
6:00 PM**

[www.peoriacounty.org](http://www.peoriacounty.org)

**\*REVISED**

**CALL TO ORDER  
MOMENT OF SILENCE  
PLEDGE OF ALLEGIANCE  
ROLL CALL BY THE COUNTY CLERK**

**I. APPROVAL OF MINUTES**

- Approval of March 22, 2020 County Board Meeting Minutes
- Approval of April 9, 2020 County Board Meeting Minutes
- Approval of April 9, 2020 County Board Executive Session Meeting Minutes

**II. CITIZENS' REMARKS**

**III. SUSPENSION OF RULES**

**IV. APPOINTMENT OF COUNTY BOARD DISTRICT #3**

**V. CONSENT AGENDA** *(including reports to be filed)*

- C1.** The Treasurer report consisting of the Bank and CD's Portfolio for the month of March 2020 and Revenue & Expenditure Reports for the month of February 2020.
- C2.** The Auditor's report of expenditures from Accounts Payable system is accessible at [www.peoriacounty.org/auditor/transparency](http://www.peoriacounty.org/auditor/transparency).
- C3.** A resolution from your Ways and Means Committee recommending approval of the waiver of the \$70.00 marriage and civil union license fee received by the Peoria County Clerk's Office for new licenses where the original licenses issued between February 1, 2020 to the end of the Stay at Home Order were not used.
- C4.** A resolution from your County Operations Committee recommending approval of a Collective Bargaining Agreement (CBA) extension between Peoria County and LIUNA Local 165, IUOE Local 649, and Teamsters Local 627.
- C5.** A resolution from your Infrastructure Committee recommending approval of a Supplemental Preliminary Engineering Services Agreement with Hanson Professional Services, Inc., Peoria, IL, for the replacement of Structure Number 072-3095 on Kickapoo Creek Road at a cost not to exceed \$31,000.00.
- C6.** Chairman Appointments.



**VI. ZONING ORDINANCE AND RESOLUTIONS**

1. A resolution from your County Operations Committee recommending approval of setting salaries of Peoria County Elected Officials (*Circuit Court Clerk, County Auditor, County Coroner*), County Board Members and County Board Committee Chairpersons.
2. A resolution the Chairman of County Operations Committee and the County Administrator recommending approval of a Collective Bargaining Agreement (CBA) between Peoria County and AFSCME-PCEA Local 3586. (*Poll Vote per Rules of Order, Article V, Section 18C*)
3. A resolution from your Infrastructure Committee recommending approval of quotations received from Pavement Maintenance Services, Henry, IL, R.A. Cullinan & Son, Tremont, IL, and Porter Brothers Asphalt & Sealing, Rock Falls, IL for Township Motor Fuel Tax deliver and install proposals for sealcoating and tilling various township roads.
- \* 4. A resolution from your Infrastructure Committee recommending approval of the lowest responsible bid of Illini Plumbing, Peoria, IL, in the amount of \$37,998.00, for hot water pipe replacement at the Peoria County Courthouse. (*Pending Committee Approval*)
5. A resolution from your Budget Committee recommending approval of FY 2020 Budget Amendments due to the impact of COVID-19. (*Pending Committee Approval*)

**VII. MISCELLANEOUS AND ANNOUNCEMENTS**

**VIII. ADJOURNMENT**

Sharon K. Williams, District 1  
Junior Watkins, District 2  
District 3  
Chairperson-Andrew A. Rand, District 4  
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Steven Rieker, District 15  
Matthew Windish, District 16  
Jennifer Groves Allison, District 17  
Paul Rosenbohm, District 18

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**SPECIAL PEORIA COUNTY BOARD  
MEETING MINUTES  
Sunday, March 22, 2020  
1:00 PM**

[www.peoriacounty.org](http://www.peoriacounty.org)

**CALL TO ORDER  
PLEDGE OF ALLEGIANCE  
ROLL CALL BY THE COUNTY CLERK**

Attendance was taken, and the following members of the Board were present: Members Blair, Bryant, Daley, Dillon, Elsasser, Fennell, Pastucha, Rand, Reliford, Reneau, Rieker, Rosenbohm, Salzer, Watkins, and Williams, with Members Groves Allison, Robinson, and Windish absent.

**I. CITIZENS REMARKS**

There were no citizens' remarks submitted.

**II. SUSPENSION OF RULES**

Member Elsasser moved to suspend the rules and Member Dillon seconded. The motion passed by a unanimous roll call vote of 15 ayes.

**III. ACTION ITEMS**

Chairman Rand discussed that the Coronavirus epidemic is without equal in modern history and it is a matter of great urgency; therefore, the state of emergency declaration is necessitated. He commended the response effort by the teams of government, medical, and nonprofit organizations in the community. He expressed that community efforts and the stay-at-home order will curb the effects of the virus and urged all to use the time to become closer to family.

Member Pastucha asked for information about the care for animals and the status of PCAPS. Public Health Administrator Monica Hendrickson explained that the PCAPS director has been sending out education. PCAPS Director Rebecca Spencer noted that the shelter is closed and that many of the animals have been sent to foster care. Member Pastucha requested information on the mitigation actions taken at the Jail and Sheriff Asbell described that all are being screened at intake and isolated, if necessary. He informed that there are no individuals in isolation, that a plan for several quarantine levels has been developed, and that the jail is equipped to take care of individuals showing signs onsite. Members Rosenbohm



Fennell, Dillon, Elsasser, and Watkins, thanked the staff for working tirelessly and working well together. Member Salzer requested information on the availability of testing and Ms. Hendrickson reported that testing is prioritized to specific groups, including those housed in the jail, but those individuals that believe they have been infected should speak with their healthcare provider or call 211.

**a. Approval of resolution affirming and extending the action of the County Board Chairman in Executive Orders 1 and 2**

Member Pastucha moved to approve the resolution and Member Fennell seconded. Mr. Sorrel detailed the Executive Orders, including the effects on County business delivery and reimbursement for costs incurred, the reasoning for the Orders, and he noted that the Board must affirm the Orders.

Member Rieker inquired about the expiration process of the Executive Orders. Mr. Sorrel explained that new Executive Orders would be created to rescind the previous orders and then a new affirming resolution would be brought to the Board.

Member Bryant asked for clarification on suspending the Centralized Purchasing Ordinance and Mr. Sorrel highlighted the ordinance, the Administrator's spending powers, the requirement of a bidding process for contracts, and payment of prevailing wages. He expressed that some purchases are necessary for the response effort and that the suspension allows for quick action. He emphasized that all normal projects in the pipeline would follow the ordinance. Member Bryant inquired about the use of women and minority-owned businesses during the suspension and Mr. Sorrel described that they would be utilized when possible, but he perceived that most purchases would be made through large corporations. Chairman Rand conveyed that the Elected Officials have developed contingency and cost reduction plans. He informed that there would be transparency for all purchases made during the suspension.

Member Pastucha requested information about leader succession and contingency plans; Chairman Rand highlighted that all have plans in place, including public health officials. The resolution was approved by a unanimous roll call vote of 15 ayes.

**b. Approval of resolution to approve the sale of trustee property**

Members Groves Allison and Windish entered the meeting.

Member Reneau moved to approve the resolution and Member Blair seconded. Mr. Sorrel reported that East Bluff Homes LP has tax credits expiring at the end of March and approval would allow for the deeds to be recorded in time. The resolution was approved by a unanimous roll call vote of 17 ayes.

**IV. DISCUSSION**

Member Pastucha inquired about public donations of PPE, and Chairman Rand and Ms. Hendrickson informed that questions about material donations should be directed to 211. Ms.



Hendrickson detailed that financial donations can be made to the Community Foundation.

Member Elsasser asked about a State income tax return filing extension and Mr. Sorrel explained that the State is working on extending the filing period.

Ms. Hendrickson discussed that she is impressed with organizations filling in where they are needed in response to the emergency and the number of current cases in the tri-county area. She reported that hospitals are below capacity, that the availability of PPE is important to frontline staff and first responders, and that testing is growing. She noted that the Health Department has been working with coordinating testing and contact tracing. She requested that all try to stay home to slow the spread of the virus.

Member Pastucha asked about the response process and the effectiveness of the plans put in place. Ms. Hendrickson conveyed that it has been advantageous for the Health Department and EMA to be together for response activities. She explained that the plans are made for a local event, making the current situation more difficult because it affects all corners of the world, but that plans are always adaptable. Member Pastucha Member Elsasser thanked Team Peoria County and the tri-county area. Member Elsasser encouraged all to pray for those in the country. Member Reneau thanked Ms. Hendrickson and Mr. Sorrel and expressed that it is helpful knowing that they are in charge. Member Groves Allison highlighted that Illinois has an automatic filing extension to October 15<sup>th</sup>, but for those that may owe, it is advised that they file by April 15<sup>th</sup>.

## **V. MISCELLANEOUS**

Chairman Rand discussed the effect on County revenue streams due to the epidemic and the distribution of funds to other taxing bodies. He mentioned that there are reserve funds available through previous Board action, but further consideration may need to be made, and that plans are being made to have access to capital.

## **VI. ADJOURNMENT**

There being no further business before the Board, the Chairman announced the meeting was adjourned.

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Paul Rosenbohm, District 18

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**PEORIA COUNTY BOARD  
MEETING MINUTES  
Thursday, April 9, 2020  
6:00 PM**

[www.peoriacounty.org](http://www.peoriacounty.org)

**CALL TO ORDER  
MOMENT OF SILENCE  
PLEDGE OF ALLEGIANCE  
ROLL CALL BY THE COUNTY CLERK**

Attendance was taken, and the following members of the Board were present: Members Blair, Daley, Dillon, Elsasser, Groves Allison, Pastucha, Rand, Reliford, Reneau, Rieker, Rosenbohm, Salzer, Watkins, and Williams, with Members Bryant, Fennell and Windish absent.

**SUSPENSION OF RULES**

Member Elsasser moved to suspend the rules and Member Pastucha seconded. The motion passed by a unanimous voice vote of 14 ayes.

**I. APPROVAL OF MINUTES**

- Approval of March 12, 2020 County Board Meeting Minutes
- Approval of March 12, 2020 County Board Executive Session Meeting Minutes

Member Blair moved for approval of the minutes, Member Watkins seconded. The minutes were approved by a unanimous voice of 14 ayes.

**II. PROCLAMATIONS AND PRESENTATIONS**

- A Proclamation recognizing May 3-9, 2020 as "National Correctional Officers Recognition Week"
- A Proclamation recognizing May 10-16, 2020 as "National Police Week"

**III. CITIZENS' REMARKS**

There were no citizens' remarks submitted.

**IV. CONSENT AGENDA (including reports to be filed)**

- C1.** The Treasurer report consisting of the Bank and CD's Portfolio for the month of February 2020 and Revenue & Expenditure Reports for the month of January



2020.

- C2.** The Auditor's report of expenditures from Accounts Payable system is accessible at [www.peoriacounty.org/auditor/transparency](http://www.peoriacounty.org/auditor/transparency).
- C3.** A resolution (items 1-3 conveyances; items 4-9, item 11 defaulted conveyances; item 10, items 12-13 defaulted reconveyances) from your Ways and Means Committee recommending that the County Board Chairman be authorized and directed to execute deed of said property to the highest bidder, and be authorized to cancel the appropriate Certificates of Purchase. This resolution shall be effective ninety days from April 9, 2020 and any transaction between the parties involved not occurring within this period shall be null and void.
- C4.** A resolution from your Public Safety and Justice Committee recommending approval of an appropriation in the amount of \$19,000.00 from the unreserved fund balance in the C.O.P.S. Fund to complete the purchase of equipment under the FY 2018 Edward Byrne Justice Assistance Grant (JAG) program.
- C5.** A resolution from your Public Safety and Justice Committee recommending approval of the FY 2019 State Criminal Alien Assistance Program (SCAAP) Award in the amount of \$4,540.00 with the funds to be appropriated to the appropriate line items in the Sheriff's budget.
- C6.** A resolution from your Public Safety and Justice Committee recommending approval of an appropriation of a donation in the amount of \$5,000.00 into the PCAPS non-capital equipment fund to purchase small animal kennels for display of adoptable animals.
- C7.** A resolution from your Land Use Committee recommending approval of an appropriation in the amount of \$14,900.00 into the FY 2020 budget to the Planning & Zoning Grant Fund for projects to be completed under the Abandoned Property Program (APP) Grant.
- C8.** A resolution from your County Operations Committee recommending approval of amendments to the Peoria County Employee Health Plan.
- C9.** A resolution from your County Operations Committee recommending settlement authority in an amount not to exceed \$165,000.00 be approved to settle Worker's Compensation Case number 010015-005351-WC-01.
- C10.** A resolution from your Infrastructure Committee recommending approval of a financial commitment of local agency funding to match any Federal Surface Transportation Block Grant Funds received for the reconstruction of Lake Street.
- C11.** A resolution from your Infrastructure Committee recommending approval of the lowest responsible bid of Porter Brothers, Rock Falls, Illinois, in the amount of \$96,141.67, for the Limestone Township Motor Fuel Tax funded tilling and sealcoating of township roads project.
- C12.** A resolution from your Infrastructure Committee recommending approval of the





Jurisdictional Transfer of Structure Number 072-4318 on Streitmatter Road to the Princeville Road District.

**C13.** A resolution from your Infrastructure Committee recommending approval of the lowest responsible bid of Hoerr Construction, Goodfield, IL, in the amount of \$96,450.00, for pipe lining on Airport Road and Richwoods Boulevard.

**C14.** A resolution from your Infrastructure Committee recommending approval of the lowest responsible bid of Illinois Civil Contractors, Inc., East Peoria, IL, in the amount of \$133,240.60, for reconstruction of the Alpha Park Library Wall at the intersection of Airport Road and Garfield Avenue.

**C15.** Chairman Appointments.

Member Daley moved to approve the Consent Agenda and Member Reliford seconded. Member Dillon asked to pull Item C15. The Consent Agenda, except for Item C15, was approved by a unanimous voice vote of 14 ayes.

**C15. Chairman Appointments.**

Member Dillon moved to approve Item C15 and Member Pastucha seconded. Member Dillon noted that the appointment of Matthew Bender to the Greater Peoria Sanitary District should be added to the revised appointment listing. Item C15 was approved by a unanimous voice vote of 14 ayes.

## **V. ZONING ORDINANCE AND RESOLUTIONS**

- 1.** Case 011-20-U, Petition of David and Carroll Inskeep. A Special Use request from Section 20.5.1.3.2.a of the Unified Development Ordinance. This section allows for a special use for an agriculturally related business. The petitioner proposes to operate a commercial pumping business in the "A-1" Agricultural Preservation Zoning District. The parcel is located in Elmwood Township. The Zoning Board of Appeals recommends approval with restriction.

Member Dillon moved to approve the ordinance and Member Pastucha seconded. Member Dillon explained that the Special Use is to run a business and that it is restricted to the family. The ordinance passed by a unanimous voice vote of 14 ayes.

- 2.** Case 007-20-U. A Special Use request from Section 20.5.2.2.1.a.1 of the Unified Development Ordinance. This section allows for a special use when a proposed land split does not meet the 25 acre minimum lot size nor the 1 dwelling unit per 25 contiguous acres density requirement in the "A-2" Agricultural District. The petitioner proposes to divide 1.348 acres from an existing 11.448 acre parcel in order to move an existing single family dwelling. The parcel is located in Hollis Township. The Zoning Board of Appeals recommends approval with restriction.

Member Dillon moved to approve the ordinance and Member Pastucha seconded. The ordinance passed by a unanimous voice vote of 14 ayes.

- 3.** Case W02-20, Debbie Jost. A resolution from your Land Use Committee recommending approval of a waiver of compliance from Section 20-3.16.3.2.b.1 of the Unified Development





Ordinance. This section requires a minimum of 30 feet of contiguous public road frontage for parcels being created by subdivision which are less than 10 acres. The parcel is located in Hollis Township.

Member Fennell entered the meeting.

Member Dillon moved to approve the resolution and Member Pastucha seconded. Member Dillon detailed that the property does not have road frontage and that the waiver creates an easement to the house. The resolution passed by a unanimous voice vote of 15 ayes.

4. A resolution from your Land Use Committee recommending approval of the passage of the Peoria County Fair Housing Resolution.

Member Dillon moved to approve the resolution and Member Williams seconded. Mr. Sorrel reported that the Board must adopt the resolution for the County to receive dollars from the State for the Downstate Small Business Stabilization Program. Member Dillon described that the County has abided by the law due to federal law, but to access HUD funding, the Board must pass the resolution. The resolution passed by a unanimous voice vote of 15 ayes.

5. A recommendation from your Ways and Means Committee to approve an Ordinance allowing the division of the 2019 payable 2020 real estate tax first installment payment into two equal installments.

Member Reneau moved to approve the resolution and Member Salzer seconded. Member Rieker informed that the resolution intends to relieve some pressure on property tax payments, helping taxpayers and meeting the needs of the taxing bodies. Treasurer Nicole Bjerke discussed that the resolution would allow splitting the first installment into two equal parts. She detailed that the first half would be due on June 9<sup>th</sup> with the second due by August 10<sup>th</sup>, and if paid in full, no penalty would be assessed. She noted that the second installment would be due September 9<sup>th</sup> and that the solution is a compromise allowing for the taxing bodies to receive a smaller distribution while helping those struggling economically. Member Rieker asked for those that have the funds, pay the full amount. Member Reneau thanked Treasurer Bjerke for her work because it will help the constituents. Member Elsasser inquired about moving the remaining 75% to the September deadline, and Treasurer Bjerke explained that doing so would put a burden on the taxing districts. She described that there will be more paperwork for her office because of software limitations, requiring the office to apply the payments manually and figuring potential late fees. She conveyed that payment methods could change due to the closure of the Courthouse and bank lobbies to the public. Chairman Rand expressed thanks to Treasurer Bjerke and that those who can pay the full installment should do so on time. Treasurer Bjerke informed that the online payment system will not be able to accept partial payments and that the Circuit Clerk has offered the drop box at the rear of the Courthouse to submit payment. The resolution passed by a unanimous roll call vote of 15 ayes.

6. A resolution from your Budget Committee recommending approval of an appropriation in the 2020 budget of 2019 encumbrance rollovers and rollover appropriations in the amount of \$1,335,695.00. *(Pending Committee Approval)*

Member Fennell moved to approve the resolution and Member Reliford seconded. Mr. Sorrel detailed that there are 49 incomplete projects from the 2019 budget that must be



appropriated in the 2020 budget. The resolution passed by a unanimous roll call vote of 15 ayes.

## **VI. MISCELLANEOUS AND ANNOUNCEMENTS**

Member Dillon expressed that the Elected Officials and staff have been doing an exceptional job in tough circumstances.

Member Blair thanked those that work in vital services for putting their health on the line.

Member Pastucha thanked all helping with the pandemic response and highlighted that if everyone stays at home, the result will be anticlimactic, but that is for the best.

Member Elsasser discussed the risks taken by police officers and the grocery and health care workers, suggesting the Board make a special proclamation for those people.

Member Pastucha wished all a Happy Passover and Easter.

Member Groves Allison thanked Mr. Sorrel and staff for all of the communication to the Board Members.

Public Health Administrator Monica Hendrickson thanked the Board and the other community partners for their leadership in the response efforts. She highlighted National Public Health Week and thanked the Health Department Staff for their hard work each day.

## **VII. EXECUTIVE SESSION – SALE OF REAL ESTATE AND PERSONNEL MATTERS**

Member Blair moved to go into executive session to discuss the sale of real estate and personnel matters; Member Watkins seconded. The motion passed by a unanimous voice vote of 15 ayes.

## **VIII. ADJOURNMENT**

There being no further business before the Board, the Chairman announced the meeting was adjourned.



**PEORIA COUNTY BOARD APPOINTMENT**  
**May 14, 2020**

**Peoria County Board District 3**

Betty Duncan  
1521 N.E. Madison Ave.  
Peoria, IL 61603

**County of Peoria, Illinois**  
**Bank Account Portfolio**  
As of March 31, 2020

Account Name	Account Balance		Variance		Interest	Notes
	Current Month	Prior Month	Amount	Percent	Amount	
<b>Accounts at Illinois National Bank</b>						
Payroll	157,899	154,873	3,026	1.95%	130	S,C
Juror's Payroll	36,049	23,423	12,626	53.91%		C
Peoria County Employee Benefit Plan	215,676	962,796	-747,120	-77.60%		C
Peoria County Flex Spending Acct	141,714	153,775	-12,061	-7.84%		C
County Collector	463,177	868,510	-405,332	-46.67%	413	S
Operating	8,451,734	8,147,058	304,677	3.74%	15,136	S
Peoria County Forfeiture - State	431,388	430,272	1,116	0.26%	221	S
Peoria County Forfeiture - Federal	17,948	17,948	0	0.00%		C
Emergency Telephone System-E911	3,887,514	3,699,075	188,440	5.09%	1,929	S
Trust & Condemnation	37,480	37,480	0	0.00%		D
County Motor Fuel	904,278	823,611	80,667	9.79%	399	S
Township Bridge	555,840	555,555	285	0.05%	285	S
Township Motor Fuel	1,502,319	1,393,734	108,585	7.79%	738	S
CDAP	756,307	755,919	388	0.05%	388	S
VSP - HRA	790,447	794,318	-3,871	-0.49%		C
Clearing Account	16,912	0	16,912			C
Abandoned Property Program	3,100	3,100	0			C
Rural Transportation	137,027	137,009	18	0.01%	18	C
<b>Total Accounts at Illinois National Bank</b>	<b>18,506,811</b>	<b>18,958,454</b>	<b>-451,643</b>	<b>-2.38%</b>	<b>19,658</b>	
<b>Accounts at Morton Community Bank</b>						
Capital Improvement	245,917	245,866	51	0.02%	51	M
Operating - Investment	24,061,291	24,025,612	35,679	0.15%	35,679	ICS
County Motor Fuel - Investment	4,296,044	4,289,621	6,424	0.15%	6,424	ICS
<b>Total Accounts at Morton Community Bank</b>	<b>28,603,252</b>	<b>28,561,098</b>	<b>42,153</b>	<b>0.15%</b>	<b>42,153</b>	
<b>Accounts at Commerce Bank</b>						
General Investment Acct	5,351,341	5,336,972	14,369	0.27%	14,369	MI

Notes C = Clearing Account Only  
S = Sweep Account  
D = Disbursed via Court Orders  
N/A = Current month information not yet rec'd  
M = Money Market Account  
ICS - Insured Cash Sweep  
MI = Mixed Investment Acct

**County of Peoria, Illinois**  
**Certificate of Deposit Portfolio**  
As of March 31, 2020

	Investment Amount	Purchased Date	Maturity Date	Term (Months)	Interest Rate
<b><u>Associate Bank</u></b>					
Employee Health Fund	400,000	12/5/19	1/5/21	13	1.65%
<b>Total for Bank</b>	<b>400,000</b>				
<b><u>Busey Bank</u></b>					
County Health-TB Fund	193,252	10/2/18	4/2/20	18	2.62%
Employee Health Fund	400,000	11/27/18	5/28/20	18	2.90%
<b>Total for Bank</b>	<b>593,252</b>				
<b><u>The F &amp; M Bank</u></b>					
Employee Health Fund	1,000,000	8/30/19	8/30/20	12	2.00%
<b>Total for Bank</b>	<b>1,000,000</b>				
<b><u>Integrity Community Bank a/k/a Bank of Farmington</u></b>					
Employee Health Fund	400,000	12/14/18	6/14/20	18	2.68%
<b>Total for Bank</b>	<b>400,000</b>				
<b><u>Morton Community Bank</u></b>					
County Health Fund	500,000	12/5/19	12/3/20	12	1.86%
Employee Health Fund	1,000,000	9/5/19	9/3/20	12	2.05%
Employee Health Fund	400,000	12/5/19	12/3/20	12	1.86%
<b>Total for Bank</b>	<b>1,900,000</b>				
<b><u>Princeville State Bank</u></b>					
Employee Health Fund	400,000	12/19/19	12/20/20	12	1.54%
Employee Health Fund	1,000,000	2/10/20	8/10/21	18	1.98%
<b>Total for Bank</b>	<b>1,400,000</b>				
<b><u>Recap by Fund:</u></b>					
030 County Health & TB Fund	693,252				
081 Employee Health Fund	5,000,000				
<b>Total Certificate of Deposits</b>	<b>5,693,252</b>				
Total Banks	5,693,252				
Difference	0				

DATE: 04/24/2020  
 TIME: 13:36:25

PEORIA COUNTY, IL  
 REVENUE STATUS REPORT

PAGE NUMBER: 1  
 REVSTALL

SELECTION CRITERIA: ALL  
 ACCOUNTING PERIOD: 2/20

SORTED BY: FUND TYPE,2ND SUBTOTAL  
 TOTALED ON: FUND TYPE  
 PAGE BREAKS ON: FUND TYPE

FUND TYPE-1 GENERAL

2ND SUBT-	TITLE	BUDGET	PERIOD RECEIPTS	RECEIVABLES	YEAR TO DATE RECEIPTS	AVAILABLE BALANCE	YTD/ BUD
31001	PROPERTY TAXES	8,027,625.00	.00	.00	.00	8,027,625.00	.00
31401	OTHER TAXES	736,000.00	.00	.00	.00	736,000.00	.00
32209	BUILDING/ZONING PERMITS	295,000.00	11,147.20	.00	26,096.20	268,903.80	8.85
32219	MARRIAGE LICENSES	89,000.00	3,920.00	.00	7,560.00	81,440.00	8.49
32221	LICENSES/PERMITS	1,005,900.00	71,508.25	.00	147,481.25	858,418.75	14.66
33110	FEDERAL GRANT	.00	4,536.00	.00	4,536.00	-4,536.00	.00
33350	STATE REVENUE	1,724,815.00	161,992.03	.00	232,785.92	1,492,029.08	13.50
33509	INCOME TAX	7,208,210.00	259,475.66	.00	1,105,286.85	6,102,923.15	15.33
33529	STATE REIMBURSEMENT-SALA	1,657,295.00	118,232.02	.00	257,430.91	1,399,864.09	15.53
33540	INTERGOVERNMENTAL REVENU	132,560.00	.00	.00	1,210.00	131,350.00	.91
33900	SALES TAXES	12,780,000.00	1,013,663.92	.00	2,018,693.24	10,761,306.76	15.80
34050	POLICE PROTECTION CTRCT	1,717,175.00	151,175.00	.00	303,885.52	1,413,289.48	17.70
34060	ANIMAL PROTECT CONTRACT	319,535.00	314.00	.00	801.00	318,734.00	.25
34110	FEES AND CHARGES	3,339,400.00	282,786.26	.00	564,602.03	2,774,797.97	16.91
34150	REVENUE STAMPS	320,000.00	17,185.75	.00	35,250.25	284,749.75	11.02
34171	WARRANTS SERVICE	170,000.00	11,424.36	.00	20,416.50	149,583.50	12.01
34190	DETENTION CHARGE FEDERAL	750,000.00	88,530.00	.00	173,810.00	576,190.00	23.17
34194	RENT-BUILDING	166,740.00	24,894.78	.00	37,789.56	128,950.44	22.66
34240	COURT SECURITY FEES	301,000.00	23,732.21	.00	48,345.68	252,654.32	16.06
34400	IMPOUND	7,400.00	430.00	.00	809.00	6,591.00	10.93
34401	ADOPTION	56,000.00	4,840.00	.00	9,325.00	46,675.00	16.65
34650	CHARGES FOR SERVICES	2,094,990.00	114,079.90	.00	215,826.64	1,879,163.36	10.30
35110	COURT FINES	500,000.00	28,846.25	.00	59,675.60	440,324.40	11.94
35120	FINES FOR COURT USAGE	144,000.00	11,556.15	.00	23,024.07	120,975.93	15.99
35140	REDEMPTION	37,000.00	1,750.00	.00	3,850.00	33,150.00	10.41
35910	INTEREST	72,440.00	14,401.82	.00	27,655.48	44,784.52	38.18
36001	MISCELLANEOUS REVENUES	1,294,410.00	111,286.50	.00	218,935.77	1,075,474.23	16.91
37500	ASSET DISPOSAL PROCEEDS	18,000.00	300.00	.00	300.00	17,700.00	1.67
42000	TRANSFER IN	95,640.00	4,011.70	.00	8,023.40	87,616.60	8.39
TOTAL	GENERAL	45,060,135.00	2,536,019.76	.00	5,553,405.87	39,506,729.13	12.32



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FUND TYPE-1 GENERAL

2ND SUBTOTAL	TITLE	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
51030	FULL-TIME EMPLOYEES	21,872,015.00	1,626,303.34	15,016,204.69	3,105,624.74	3,750,185.57	82.85
51032	PERSONAL SERVICES	3,306,465.00	242,516.26	1,099,883.85	478,433.01	1,728,148.14	47.73
51240	MEDICAL/HEALTH BENEFITS	3,714,084.00	230,995.22	1,773,191.33	463,227.96	1,477,664.71	60.21
51500	IMRF\FICA	42,975.00	.00	.00	.00	42,975.00	.00
52040	FOOD	365,150.00	39,761.88	.00	66,768.05	298,381.95	18.29
52090	MAINTENANCE SUPPLIES	118,300.00	6,022.94	.00	18,717.52	99,582.48	15.82
52200	COMMODITIES	905,935.00	75,151.71	37,990.06	166,583.16	701,361.78	22.58
53018	AUDITING ACCTG COSTS	101,500.00	21,000.00	.00	21,000.00	80,500.00	20.69
53020	POSTAGE	16,025.00	10,051.94	.00	10,085.61	5,939.39	62.94
53050	MEDICAL SERVICES	1,291,500.00	102,905.34	.00	191,241.12	1,100,258.88	14.81
53068	FLEET MAINTENANCE EXPENS	645,435.00	53,786.25	.00	107,572.50	537,862.50	16.67
53070	CONSULTANT SERVICES	544,440.00	28,764.17	64,456.06	73,080.52	406,903.42	25.26
53080	ELECTION RELATED COSTS	31,560.00	2,409.71	.00	9,167.20	22,392.80	29.05
53124	PUBLIC DEFENDER SERVICES	1,089,100.00	83,902.70	.00	170,929.74	918,170.26	15.69
53350	CONTRIBUTIONS & GRANTS	81,300.00	400.00	.00	70,390.50	10,909.50	86.58
53360	MICROFILMING/FILM DEVELO	7,250.00	8,576.18	944.93	9,061.21	-2,756.14	138.02
53599	UTILITIES GAS/ELECTRIC	641,400.00	48,521.19	.00	86,862.30	554,537.70	13.54
53790	COMPUTER EQUIP MAINT	87,200.00	3,383.50	.00	36,511.18	50,688.82	41.87
53999	CONFERENCES & SEMINARS	100,750.00	4,094.83	.00	9,692.88	91,057.12	9.62
54001	CONTRACTUAL SERVICES	7,117,710.00	514,873.96	377,711.35	1,210,798.76	5,529,199.89	22.32
55080	VEHICLES	445,100.00	4,281.25	.00	23,570.50	421,529.50	5.30
61000	TRANSFERS OUT	2,254,165.00	208,097.21	.00	488,458.28	1,765,706.72	21.67
	TOTAL GENERAL	44,779,359.00	3,315,799.58	18,370,382.27	6,817,776.74	19,591,199.99	56.25

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FUND TYPE-2 SPECIAL REVENUE

2ND SUBT- - - - TITLE - - - - -	BUDGET	PERIOD RECEIPTS	RECEIVABLES	YEAR TO DATE RECEIPTS	AVAILABLE BALANCE	YTD/ BUD
31001 PROPERTY TAXES	15,994,910.00	.00	.00	.00	15,994,910.00	.00
32129 FOOD LICENSES	647,000.00	13,260.00	.00	503,370.00	143,630.00	77.80
32221 LICENSES/PERMITS	32,500.00	3,000.00	.00	5,100.00	27,400.00	15.69
33110 FEDERAL GRANT	750,000.00	.00	.00	.00	750,000.00	.00
33350 STATE REVENUE	4,774,408.00	14,944.88	.00	41,472.49	4,732,935.51	.87
33509 INCOME TAX	1,490,170.00	.00	.00	230,657.23	1,259,512.77	15.48
33525 MOTOR FUEL TAX ALLOTMENT	4,352,500.00	386,101.95	.00	784,241.86	3,568,258.14	18.02
33529 STATE REIMBURSEMENT-SALA	1,674,800.00	174,818.91	.00	354,392.68	1,320,407.32	21.16
33540 INTERGOVERNMENTAL REVENUE	314,000.00	2,649.73	.00	5,347.94	308,652.06	1.70
34110 FEES AND CHARGES	298,100.00	16,569.53	.00	34,621.77	263,478.23	11.61
34194 RENT-BUILDING	21,700.00	.00	.00	10,000.00	11,700.00	46.08
34220 FLEET MAINTENANCE FEES	679,785.00	57,748.75	.00	114,297.50	565,487.50	16.81
34230 BIRTH AND DEATH FEES	265,000.00	20,575.00	.00	46,204.00	218,796.00	17.44
34260 WASTE DISPOSAL SURCHARGE	210,000.00	12,326.75	.00	28,496.87	181,503.13	13.57
34620 PATIENT INCOME-PUBLIC AI	460,000.00	28,334.77	.00	42,912.20	417,087.80	9.33
34630 PATIENT INCOME-PRIVATE	91,500.00	2,619.69	.00	7,803.69	83,696.31	8.53
34650 CHARGES FOR SERVICES	5,175,546.00	765,581.54	.00	935,293.62	4,240,252.38	18.07
35125 RESTITUTION	.00	181.00	.00	7,171.00	-7,171.00	.00
35910 INTEREST	514,930.00	47,030.75	.00	90,532.20	424,397.80	17.58
36001 MISCELLANEOUS REVENUES	163,750.00	1,587.59	.00	3,452.89	160,297.11	2.11
42000 TRANSFER IN	1,934,425.00	135,833.35	.00	271,666.70	1,662,758.30	14.04
TOTAL SPECIAL REVENUE	39,845,024.00	1,683,164.19	.00	3,517,034.64	36,327,989.36	8.83

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FUND TYPE-2 SPECIAL REVENUE

2ND SUBTOTAL	TITLE	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
51030	FULL-TIME EMPLOYEES	9,858,480.00	713,034.27	6,608,912.48	1,344,623.92	1,904,943.60	80.68
51032	PERSONAL SERVICES	944,198.00	65,063.58	235,919.46	146,183.60	562,094.94	40.47
51240	MEDICAL/HEALTH BENEFITS	2,033,251.00	107,230.87	765,893.61	214,016.75	1,053,340.64	48.19
51500	IMRF\FICA	9,149,647.00	671,961.78	2,071,255.71	1,644,894.80	5,433,496.49	40.62
52040	FOOD	135,150.00	9,460.79	.00	19,716.81	115,433.19	14.59
52090	MAINTENANCE SUPPLIES	555,500.00	66,395.06	.00	106,425.73	449,074.27	19.16
52100	GAS AND OIL PRODUCTS	687,500.00	53,254.17	.00	88,083.60	599,416.40	12.81
52120	EMERGENCY RELIEF	35,000.00	1,500.00	.00	2,696.00	32,304.00	7.70
52200	COMMODITIES	3,718,816.00	506,849.45	.00	641,105.91	3,077,710.09	17.24
53018	AUDITING ACCTG COSTS	1,650.00	.00	.00	.00	1,650.00	.00
53020	POSTAGE	15,000.00	162.23	.00	4,165.90	10,834.10	27.77
53040	DEPENDENT CHILD CARE	350,000.00	7,215.00	.00	7,215.00	342,785.00	2.06
53050	MEDICAL SERVICES	519,085.00	26,657.03	104,608.00	54,816.18	359,660.82	30.71
53068	FLEET MAINTENANCE EXPENS	22,950.00	3,012.50	.00	4,825.00	18,125.00	21.02
53070	CONSULTANT SERVICES	692,300.00	66,912.80	91,788.75	98,787.92	501,723.33	27.53
53085	RECYCLING HAUL/PROCESS	75,000.00	799.18	.00	1,768.46	73,231.54	2.36
53279	PROGRAM DEVELOP/COORDINA	1,050,200.00	32.76	.00	32.76	1,050,167.24	.00
53300	AUTO REPAIR/MAINTENANCE	151,000.00	3,058.30	.00	9,120.98	141,879.02	6.04
53320	BRIDGE REPAIR	220,000.00	.00	.00	.00	220,000.00	.00
53340	HIGHWAY REPAIR	404,000.00	.00	.00	455.00	403,545.00	.11
53350	CONTRIBUTIONS & GRANTS	168,290.00	577.50	.00	26,300.07	141,989.93	15.63
53360	MICROFILMING/FILM DEVELO	78,000.00	2,825.35	3,401.74	4,571.46	70,026.80	10.22
53599	UTILITIES GAS/ELECTRIC	243,200.00	17,962.17	.00	38,600.30	204,599.70	15.87
53999	CONFERENCES & SEMINARS	175,900.00	5,619.94	.00	16,704.95	159,195.05	9.50
54001	CONTRACTUAL SERVICES	5,718,140.00	337,090.62	23,092.18	846,870.27	4,848,177.55	15.21
55080	VEHICLES	30,000.00	.00	19,532.00	.00	10,468.00	65.11
55100	CAPITAL OUTLAY	5,780,907.00	1,745.37	254,757.38	2,198.23	5,523,951.39	4.44
57001	DEBT SERVICE PAYMENTS	439,252.00	638,424.30	.00	884,806.31	-445,554.31	201.43
61000	TRANSFERS OUT	239,640.00	4,011.70	.00	8,023.40	231,616.60	3.35
	TOTAL SPECIAL REVENUE	43,492,056.00	3,310,856.72	10,179,161.31	6,217,009.31	27,095,885.38	37.70

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FUND TYPE-3 DEBT SERVICE

2ND SUBT- - - - -	TITLE - - - - -	BUDGET	PERIOD RECEIPTS	RECEIVABLES	YEAR TO DATE RECEIPTS	AVAILABLE BALANCE	YTD/ BUD
31001	PROPERTY TAXES	420,000.00	.00	.00	.00	420,000.00	.00
35910	INTEREST	25,000.00	2,255.17	.00	3,506.57	21,493.43	14.03
36000	MISCELLANEOUS REVENUES	395,785.00	.00	.00	.00	395,785.00	.00
42000	TRANSFER IN	3,900,885.00	394,850.74	.00	1,184,552.22	2,716,332.78	30.37
TOTAL DEBT SERVICE		4,741,670.00	397,105.91	.00	1,188,058.79	3,553,611.21	25.06

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FUND TYPE-3 DEBT SERVICE

2ND SUBTOTAL - - - - TITLE - - - -	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
54001 CONTRACTUAL SERVICES	5,800.00	.00	.00	825.00	4,975.00	14.22
57001 DEBT SERVICE PAYMENTS	4,748,660.00	.00	.00	.00	4,748,660.00	.00
TOTAL DEBT SERVICE	4,754,460.00	.00	.00	825.00	4,753,635.00	.02

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FUND TYPE-4 CAPITAL PROJECTS

2ND SUBT- - - - -	TITLE - - - - -	BUDGET	PERIOD RECEIPTS	RECEIVABLES	YEAR TO DATE RECEIPTS	AVAILABLE BALANCE	YTD/ BUD
33900	SALES TAXES	4,560,550.00	361,009.60	.00	703,724.85	3,856,825.15	15.43
35910	INTEREST	79,500.00	5,185.92	.00	10,181.79	69,318.21	12.81
36001	MISCELLANEOUS REVENUES	.00	300.00	.00	300.00	-300.00	.00
42000	TRANSFER IN	800,000.00	.00	.00	.00	800,000.00	.00
TOTAL CAPITAL PROJECTS		5,440,050.00	366,495.52	.00	714,206.64	4,725,843.36	13.13



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 FUND TYPE-4 CAPITAL PROJECTS

2ND SUBTOTAL	TITLE	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
52200	COMMODITIES	20,000.00	.00	.00	.00	20,000.00	.00
54001	CONTRACTUAL SERVICES	120,000.00	.00	27,610.00	125.00	92,265.00	23.11
55100	CAPITAL OUTLAY	810,000.00	171,090.50	669,645.19	409,406.86	-269,052.05	133.22
61000	TRANSFERS OUT	4,582,145.00	322,586.88	.00	967,760.64	3,614,384.36	21.12
	TOTAL CAPITAL PROJECTS	5,532,145.00	493,677.38	697,255.19	1,377,292.50	3,457,597.31	37.50

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FUND TYPE-5 INTERNAL SERVICE

2ND SUBT- - - - -	TITLE - - - - -	BUDGET	PERIOD RECEIPTS	RECEIVABLES	YEAR TO DATE RECEIPTS	AVAILABLE BALANCE	YTD/ BUD
31001	PROPERTY TAXES	1,402,285.00	.00	.00	.00	1,402,285.00	.00
34110	FEES AND CHARGES	4,978,535.00	418,935.75	.00	833,444.50	4,145,090.50	16.74
34300	HEALTH FEES-EMPLOYEE	2,397,600.00	136,964.47	.00	223,102.76	2,174,497.24	9.31
34310	HEALTH FEES-EMPLOYER	6,505,920.00	352,596.09	.00	704,115.02	5,801,804.98	10.82
34650	CHARGES FOR SERVICES	400,000.00	30,728.00	.00	82,530.00	317,470.00	20.63
35910	INTEREST	137,470.00	6,602.69	.00	14,552.71	122,917.29	10.59
36001	MISCELLANEOUS REVENUES	1,873,995.00	118,281.78	.00	221,055.18	1,652,939.82	11.80
TOTAL	INTERNAL SERVICE	17,695,805.00	1,064,108.78	.00	2,078,800.17	15,617,004.83	11.75

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FUND TYPE-5 INTERNAL SERVICE

2ND SUBTOTAL	TITLE	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/BUD
51030	FULL-TIME EMPLOYEES	1,701,530.00	130,243.19	1,176,356.88	240,977.00	284,196.12	83.30
51032	PERSONAL SERVICES	606,550.00	25,224.59	.00	159,324.32	447,225.68	26.27
51240	MEDICAL/HEALTH BENEFITS	368,250.00	15,283.92	81,312.10	135,567.84	151,370.06	58.89
51750	MEDICAL CLAIMS	6,965,000.00	532,015.11	.00	1,369,290.05	5,595,709.95	19.66
51760	PRESCRIPTION DRUGS	1,602,000.00	122,068.89	.00	257,578.77	1,344,421.23	16.08
51800	UNEMPLOYMENT CLAIMS	55,000.00	.00	.00	.00	55,000.00	.00
51810	WORKER'S COMP CLAIMS	300,000.00	55,168.51	.00	84,096.00	215,904.00	28.03
52040	FOOD	2,500.00	90.00	.00	90.00	2,410.00	3.60
52200	COMMODITIES	578,590.00	23,907.04	73,900.47	47,019.99	457,669.54	20.90
53020	POSTAGE	266,000.00	-4,911.18	34,000.00	82,807.77	149,192.23	43.91
53046	LIABILITY CLAIMS	420,000.00	61,510.03	.00	76,638.48	343,361.52	18.25
53050	MEDICAL SERVICES	35,000.00	.00	.00	.00	35,000.00	.00
53054	EXCESS INSURANCE	1,740,000.00	77,902.20	.00	980,625.78	759,374.22	56.36
53070	CONSULTANT SERVICES	279,500.00	9,139.18	61,819.24	9,451.68	208,229.08	25.50
53999	CONFERENCES & SEMINARS	38,000.00	.00	.00	975.00	37,025.00	2.57
54001	CONTRACTUAL SERVICES	3,331,495.00	203,658.92	225,580.98	756,850.75	2,349,063.27	29.49
55100	CAPITAL OUTLAY	301,000.00	28,085.13	62,614.00	75,627.22	162,758.78	45.93
	TOTAL INTERNAL SERVICE	18,590,415.00	1,279,385.53	1,715,583.67	4,276,920.65	12,597,910.68	32.23

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FUND-076 PEORIA COUNTY PARKING FAC

2ND SUBT- - - - -	TITLE - - - - -	BUDGET	PERIOD RECEIPTS	RECEIVABLES	YEAR TO DATE RECEIPTS	AVAILABLE BALANCE	YTD/ BUD
34196	RENT-PARKING	245,000.00	14,824.29	.00	36,536.54	208,463.46	14.91
35910	INTEREST	19,000.00	2,637.79	.00	4,915.37	14,084.63	25.87
TOTAL PEORIA COUNTY PARKING F		264,000.00	17,462.08	.00	41,451.91	222,548.09	15.70
TOTAL REPORT		264,000.00	17,462.08	.00	41,451.91	222,548.09	15.70

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FUND-076 PEORIA COUNTY PARKING FAC

2ND SUBTOTAL- - - - TITLE - - - -	BUDGET	PERIOD EXPENDITURES	ENCUMBRANCES OUTSTANDING	YEAR TO DATE EXP	AVAILABLE BALANCE	YTD/ BUD
52090 MAINTENANCE SUPPLIES	500.00	.00	.00	.00	500.00	.00
52200 COMMODITIES	20,000.00	.00	.00	4,886.00	15,114.00	24.43
53070 CONSULTANT SERVICES	80,000.00	8,616.04	.00	17,513.76	62,486.24	21.89
53599 UTILITIES GAS/ELECTRIC	11,000.00	699.31	.00	1,397.81	9,602.19	12.71
54001 CONTRACTUAL SERVICES	73,305.00	293.87	.00	1,334.36	71,970.64	1.82
56001 BUILDING DEPRECIATION	.00	10,303.29	.00	20,606.58	-20,606.58	.00
TOTAL PEORIA COUNTY PARKING F	184,805.00	19,912.51	.00	45,738.51	139,066.49	24.75
TOTAL REPORT	184,805.00	19,912.51	.00	45,738.51	139,066.49	24.75

AGENDA BRIEFING

COMMITTEE: Ways and Means  
MEETING DATE: May 14, 2020

LINE ITEM: Revenue: 001-1- 020-7-812-32220  
Expenditure:

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ISSUE: Proposed Resolution for a request to allow a waiver of the fee charged for a Marriage / Civil Union license due to the COVID 19 shelter in place rule. State statute does not allow us to extend the 60 day after issuance expiration time frame

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**BACKGROUND/DISCUSSION:**

In the County’s efforts to continue to provide the best customer service possible during these unforeseen times, we are requesting the following. Our department looked over the report of the number of marriage licenses that will be reaching their 60-day expiration date. A few of those licenses were issued prior to anyone’s knowledge of this virus, therefore putting a halt to several of the marriages that were scheduled. This situation was beyond the applicant’s control.

The county clerk’s office has continued to issue marriage licenses since the courthouse closure. Licenses have been issued via mail and online. We have been utilizing the Google Hangouts app in order to have live interaction with the couples to verify their identity and help them complete their marriage certificate, so that those who want to continue with their weddings can do so even under the current shelter in place conditions or once the restrictions are lifted.

We currently have 13 licenses with an expiration date by April 30, and 47 with an expiration date by May 30, 2020. These were all issued between February 1, 2020 and March 1, 2020. Any couple that would have qualified for a fee waiver that obtained a license between the end of the stay at home order to the adoption of this resolution shall be refunded the \$70 fee. Historically around 30 licenses a year that are not used, which is about 2.5%. Some of these may fall into that category too. At this time, we can’t give an exact number of how many waivers we would be issuing. These would not be automatic waivers, just for those that contact us making us aware of the fact that they could not go through with their ceremony due to the COVID 19 shelter in place. Peoria County Marriage License Fees is \$75.00 with the required \$5.00 Domestic Violence fee remitted to the State for its Domestic Violence Fund each month by the County Clerk’s Office. We are asking that the \$70 fee for a new license be waived for those couples that were issued a license from Feb 1<sup>st</sup> until April 30<sup>th</sup> when a ceremony wasn’t conducted.

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**COUNTY BOARD GOALS:**

**STAFF RECOMMENDATION:**

Approve resolution waiving the \$70 marriage license and civil union fee and applicable circumstances

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**COMMITTEE ACTION:** Approved 4/29/20 (7-0 votes)

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**PREPARED BY:** Rachael Parker  
**DEPARTMENT:** County Administration  
**DATE:** 4/9/2020

**ATTACHMENTS:**

Description	Type
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TO THE HONORABLE COUNTY BOARD )  
 )  
COUNTY OF PEORIA, ILLINOIS )

Your Ways and Means Committee does hereby recommend passage of the following Resolution:

**Waiving the \$70 marriage and civil union license fee received by the Peoria County Clerk’s Office for a new license issued to couples that had obtained a license between February 1, 2020 to the end of the stay at home order.**

**RESOLUTION**

WHEREAS, the Peoria County Clerk provides numerous services to the public for which in normal circumstances fees are charged to recoup the costs related to providing these services, and

WHEREAS, the fees charged by the County Clerk for marriage and civil union licenses may be waived by the County Board, due to COVID-19, for new licenses issued to couples that had previously obtained a license between February 1, 2020 to the end of the stay at home order when a ceremony wasn’t performed; and

WHEREAS, the County Board may authorize refunds of a new license for those couples that would have qualified for a fee waiver and that obtained a license between the end of the stay at home order to the adoption of this resolution; and

WHEREAS, your Ways and Means Committee would recommend the waiving of the Peoria County Clerk’s marriage and civil union license fee of \$70.00 for the above listed instances (seventy dollars) while continuing to collect the State required \$5.00 (five dollar) Domestic Violence Fund fee that shall be remitted to the State of Illinois.

NOW, THEREFORE, BE IT RESOLVED, that effective immediately, the County Clerk shall wave the \$70 marriage license and civil union fee for a new license for those applicants that were issued a license between February 1, 2020 to the end of the stay at home order that did not have a ceremony performed under their original license, while continuing to collect the \$5 domestic violence fee required by the State of Illinois unless waved by the State; and

BE IT FURTHER RESOLVED, that the fee waiver shall be available for up to two years after the stay at home order expires; and

BE IT FURTHER RESOLVED, that the County Clerk shall refund the \$70 fee to those applicants that were issued a new license between the end of the stay at home order and the adoption of this resolution that had previously obtained a license between February 1, 2020 to the end of the stay at home order that did not have a ceremony performed with the original license.

Respectfully submitted,

Your Ways and Means Committee.

## AGENDA BRIEFING

COMMITTEE: County Operations Committee  
MEETING DATE: April 28, 2020

LINE ITEM:  
AMOUNT:

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### ISSUE:

Approval of the Collective Bargaining Agreement (CBA) extension between Peoria County and LIUNA Local 165, IUOE Local 649, and Teamsters Local 627.

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### BACKGROUND/DISCUSSION:

The Collective Bargaining Agreement (CBA) with the Laborers, Operators, and Engineers expires on May 31, 2020.

A tentative agreement has been reached between the parties for a one-year (12-month) contract extension with a wage freeze for all currently active employees at the time of agreement. The union ratified the agreement on March 30, 2020.

All provisions of the 2016-2020 collective bargaining agreement with the exception of wages will remain in effect from June 1, 2020 through May 31, 2021.

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### COUNTY BOARD GOALS:



#### **HIGH PERFORMING PUBLIC ORGANIZATION**

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### STAFF RECOMMENDATION:

Approve the tentative agreement reached with LIUNA Local 165, IUOE Local 649, and Teamsters Local 627 which was ratified by the union on March 30, 2020.

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COMMITTEE ACTION: Approved 4/28/20 (6-0 votes)

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PREPARED BY: Shauna Musselman  
DEPARTMENT: County Administration  
DATE: April 16, 2020

TO THE HONORABLE COUNTY BOARD )  
 )  
COUNTY OF PEORIA, ILLINOIS )

Your County Operations Committee does hereby recommend passage of the following Resolution:

RE: Approval of the Collective Bargaining Agreement (CBA) extension between Peoria County and LIUNA Local 165, IUOE Local 649, and Teamsters Local 627

**RESOLUTION**

**WHEREAS**, representatives of Peoria County and LIUNA Local 165, IUOE Local 649, and Teamsters Local 627) have reached a tentative agreement to extend the current labor agreement for one year, and

**WHEREAS**, a tentative agreement was reached that includes a wage freeze for all currently active employees at the time of the agreement, and

**WHEREAS**, the Union ratified the tentative agreement on March 30, 2020, and

**NOW THEREFORE BE IT RESOLVED**, by the County Board of Peoria County, that the tentative agreement ratified by the Union that includes a one year contract extension from June 1, 2020 through May 31, 2021, with a wage freeze as noted above and no additional language changes be hereby approved and that the Peoria County Board Chairman/or the County Administrator are hereby authorized and directed to execute the collective bargaining agreement extension on behalf of Peoria County to be effective upon ratification by both parties.

RESPECTFULLY SUBMITTED,  
COUNTY OPERATIONS COMMITTEE

## AGENDA BRIEFING

**COMMITTEE:** Infrastructure

**LINE ITEM:** 034-2-034-5-511-54303

**MEETING DATE:** April 28, 2020

**AMOUNT:** \$31,000.00

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**ISSUE: Resolution for Supplemental Preliminary Engineering Services Agreement with Hanson Professional Services for Structure Number 072-3095 on Kickapoo Creek Road.**

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### **BACKGROUND/DISCUSSION:**

Structure Number 072-3095 on Kickapoo Creek Road (C.H. R51) is a 14' x 20' concrete culvert with a Sufficiency Rating of 41.6. The structure was built in 1960 and is in poor condition. Federal funding is available for 80% of the construction cost of the project.

In March 2017, Peoria County entered into a Phase I Preliminary Engineering Services Agreement with Hanson Professional Services in the amount of \$240,000.00 for environmental studies, hydraulic studies, soil borings, and structure type selection. In August 2018, Peoria County entered into a Phase II Preliminary Engineering Services Agreement with Hanson Professional Services in the amount of \$205,000 to design the final construction plans. The final design consisted of a 3-sided structure built on pile supported footings. This type of structure is similar to a concrete box culvert but has an open bottom and footings instead of a bottom floor like a box culvert.

The project was let out for bids on November 8, 2019 and did not receive any bids. Highway Department staff and Hanson reached out to contractors who took out plans to discuss what issues gave them the most concerns and caused them not to submit bids. Issues that were stated included concerns with temporary shoring of the adjacent railroad embankment, locations of utilities in the creek, and the small work area due to the jobsite being sandwiched between Kickapoo Creek and the railroad.

Hanson revised the plans to address contractor concerns with the temporary shoring. The project was let out for bids again on January 17, 2020 and only received one bid, which was \$1,000,000 over the estimate. The bid was subsequently rejected.

Highway Department staff and Hanson reconvened to determine if there was a solution that would not require such invasive work to the roadway and not require as much temporary shoring of the railroad embankment. Through a series of meetings, it was determined that the best solution is to remove the top of the existing structure and install an Aluminum Structural Plate Bridge System inside of the existing structure. This solution will eliminate the need to completely remove the existing structure and will therefore eliminate the need for temporary shoring of the adjacent railroad embankment.

The amount allocated for the design of the project was \$445,000. When the project was let out for bids in November, Hanson's work was completed for \$352,900, which equals a \$92,100 savings.

Through the April billing period, Hanson has billed \$380,000 from the \$445,000 engineering budget for this project, which leaves \$65,000 remaining in the original budget. In the time period between November and April, Hanson revised the plans for the January letting and researched alternative solutions to the project after the January bid letting.

Hanson has estimated that it will take \$96,000 to complete the new design solution. Utilizing the \$65,000 remaining from the original budget, it would require an additional expenditure of \$31,000 to complete the project. [\$96,000 (additional services) - \$65,000 (left in existing agreement) = \$31,000].

This resolution will allow Peoria County to enter into a Supplemental Engineering Services Agreement with Hanson Professional Services in the amount of \$31,000 to prepare updates to the Phase I reports, permits, final design, plans, and specifications for this project.

This project is located in District 1. (Williams)

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**COUNTY BOARD GOALS:**



**INFRASTRUCTURE STEWARDSHIP**

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**STAFF RECOMMENDATION: Approve the Resolution**

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**COMMITTEE ACTION:** Approved 4/28/20 (5-0 votes) Mr. Windish absent

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**PREPARED BY:** Jeffrey D. Gilles

**DEPARTMENT:** Highway

**DATE:** April 15, 2020

# 072-3095 Kickapoo Creek Road



Stream looking west from Kickapoo Creek



Stream channel looking east



Northwest retaining wall



Stream channel looking west



# 072-3095 Kickapoo Creek Road



Space between 072-3095 and RxR Structure



Downstream End of RxR Structure



Road looking South



## Aluminum Structural Plate



# Aluminum Structural Plate

## Time-Tested & Durable

Engineers, officials and contractors know that proper construction materials play an important part in designing efficient, economical drainage structures. This is why corrugated metal pipe has gained wide acceptance during more than 80 years of use in drainage structures under highways, railroads, airports and city streets.

Corrugated metal pipe offers definite advantages over other materials because of its lightweight, durability, ease of installation, low maintenance and adaptability to various field conditions. Logically, engineers wanted these advantages for larger waterways but were handicapped by the limitations of handling and shipping pipe in large diameters.

## Large Aluminum Structures

Contech pioneered steel MULTI-PLATE® structures more than 50 years ago, providing a wider range of sizes and shapes while retaining the advantages of smaller, corrugated metal pipe.

Today, Contech also manufactures an aluminum structural plate that is durable, lightweight and easy to install. There are no forms to set or remove. No curing time is needed. Large installation crews are not necessary. No special lifting equipment is needed for small structures.

Aluminum structural plates are corrugated, curved and bolt-hole punched at the plant. Reinforcing ribs (if required by design) are also curved and bolt-hole punched to match the plate fabrication. Delivered to the job site unassembled, the plates and ribs are easily bolted together to form various shapes: round, vertical and horizontal ellipse, pipe=arch, underpass and arch.

Evidence of their dependability and economy is presented by the thousands of aluminum structural plate structures that have been installed since 1964.

Applications:

- Small bridges
- Culverts
- Stream enclosures
- Storm sewers
- Grade separations
- Conveyor covers
- Pedestrian, livestock and vehicular underpasses
- Conduits
- Aggregate reclaim tunnels
- Storage domes and magazines
- Lining for masonry or concrete conduits

## Advantages for Bridge Replacements

- Durable
- Corrosion resistant
- Abrasion resistant
- Lightweight
- Reduced install and maintenance costs
- Easy site-adaptability
- Modular bridge design

## Corrosion Resistant

The aluminum allows in aluminum structural plate have a proven history of excellent corrosion resistance. This is primarily due to a thin, tenacious, inert oxide barrier that forms on the metal surface when exposed to air.

The tough, tightly adhering oxide barrier cannot be easily removed. If damaged or affected by an aggressive environment, this oxide barrier will reform. This is referred to as a “self-healing” effect. The oxide barrier appears on the structure surface as a grayish-white coating that will build up over time.

Service-life expectancy studies on installed aluminum drainage products have been conducted since the early 1960s by state and federal agencies.

Based upon the performance and ongoing inspection of aluminum drainage structures first installed in 1959, a minimum service life of 75 years can be predicted for .10”-thick aluminum structural plate (pH between 4.0 to 9.0 and resistivity  $\geq 500$  ohm-cm). In addition, good performance may be expected in seawater environments when the structure is backfilled with a clean, granular materials.

All metal attachments such as rebar and anchor bolts and rods should be galvanized (no black steel should be in contact with the aluminum structures). Galvanized fasteners have proven to be completely compatible with aluminum structural plate. Your Contech representative can provide additional information on this subject.





*This aluminum structural plate pipe has handled tidal ocean waters under U.S. Highway 1 at the Bay of Fundy in Maine since 1966.*



*The interior of this deteriorating stone arch bridge was relined with aluminum structural plate.*

## Abrasion Resistant

Aluminum's abrasion resistance has been proven through years of exposure to wet/dry abrasion-corrosion cycles. In normally abrasive runoffs, aluminum will onlypeen with minimum metal loss.

The Aluminum Association presented a paper to the Transportation Research Board in January 1969, reporting on more than 1,000 aluminum culverts\*. (An updated report was presented in 1986\*\*.)

Both reports included a method of predicting abrasion performance of aluminum corrugated drainage pipe, whereby peak energy curves were converted into a service-life chart. If required, the service life of structural plate can be extended by increasing the metal thickness of the structure and /or its invert.

If a proposed structure is expected to be installed in a stream with high-velocity runoff and with heavy bed load (especially angular rocks with sharp corners), it is recommended that the Aluminum Association abrasion papers be reviewed. Copies are available form Contech on request. When highly abrasive conditions are anticipated, it may also prove desirable to use arch structures on concrete fittings and remove any concern of invert damage.

\* "The Mechanisms of Abrasion of Aluminum Alloy Culvert, Related Field Experiences and a Method to Predict Culvert Performance"

\*\* "Abrasion Resistance of Aluminum Culvert Based on Long-Term Field Performance"



# Handling & Design

## Lightweight

Lightweight is one of the main advantages of aluminum drainage structures. Aluminum structural plate weighs approximately 1/50 as much as reinforced concrete pipe in an equivalent size. This weight factor reduces assembly and equipment costs, helps gain access to remote sites and allows handling of long preassembled structures with relative ease.

## Reduced Install Costs

**Unloading** – Lightweight plates and reinforcing ribs arrive at the job site in strapped and nested bundles. Individual plates and ribs are generally light enough to be handled by one worker, and bundles can be handled with light duty lifting equipment.

**Assembling** – Most structures contain plate and rib sizes that be assembled without lifting equipment. As a quality assurance measure, at least one ring of plates for each order is plant-assembled and checked prior to shipment.

Aluminum structural plate can be manufactured into a large sections with up to three different radii in the same plate. This capability reduces the number of joint connections and thus lowers assembly work hours.

Off-site assembly is an added feature of lightweight aluminum with obvious cost-savings. This can be at a remote assembly yard or alongside a ditch.

## Structural Design

The structural performance of aluminum structural plate has been proven by the thousands of installations throughout the U.S. Contech's Aluminum structures Plate Design (tables 7-14) meets or exceeds the AASHTO Standard Specifications for Highway Bridge's Section 12 and ASTM B 790 for HS 20 loading. Call a Contech representative for design information on HS 25 and other loadings.

Like all structures, the design of structural plate products starts with the foundations. For structures with inverts, a uniform bed must be provided by the engineer. Foundation bearing strength must be adequate to both maintain the desired finished surface grade and ensure the serviceability of pavement overlays, etc. Adjacent foundations must be able to support the heavier structure sidefills so as not to settle relative to the structure. Inadequate foundation material should be replaced.

For backfill requirements see the Installation Section on Page 19. For near minimum cover structures, the roadway surface must be maintained to ensure proper cover (see HO Tables on Pages 12-15 for allowable minimum and maximum covers)

## Boxed Culverts

A ribbed, corrugated aluminum box culvert structure is a specially designed aluminum structural plate product that has a wide span and a low rise needed for a low headroom, low cover installation.

Contech's box culverts combine the low profile shape of rigid box culverts with the strength and economies of flexible structures. Contech Aluminum Box Culverts are available in a wide range of standard sizes (8'9" x 2'6" to 35'3" x 13'7") and components that permit a minimum cover of 1.4' (17") for all spans.

## Long Span Structures

Long span designs add both longitudinal stiffeners (thrust beams) and circumferential stiffeners (reinforcing ribs) to conventional aluminum structural plate to achieve larger sizes. Clear spans in excess of 30' and clear areas over 435 sf are achievable with long spans.

Available shapes include low profile and high profile arch horizontal ellipses. Long span structures are particularly suited for applications that require relatively low, wide openings. Heights of cover are general limited to 15'.

### Standard Specifications:

- AASHTO M219 and ASTM B 746 – conduit, pipe
- ASTM B 209 – material
- ASTM B 789 – installation
- ASTM B 790 – design
- AASHTO Standard Bridge Design Specifications Section 12 – design
- AREMA - Manual for Railway Engineering, Chapter 1, Part 4
- ASTM B 864 – box culverts

## End Treatment

Proper end treatments perform both structural and hydraulic functions.

Standard end finishes available on aluminum structural plate are square ends, step bevels, skewes, partial bevels, and skew bevels.

Uncut or square-end structures are the lowest in cost and are readily adaptable to road widening projects. When skewed to the roadway embankment, larger structures may require properly warped and balanced backfill to provide uniform soil loading and support perpendicular to the structure's center line.

For hydraulic structures, special attention should be given to proper reinforcement of the metal edges on the cut ends of a structure to secure them against hydraulic forces. The cut ends of a structure are no longer supported by a full ring and are less stiff than the barrel of the structure. Extreme cut ends should be avoided on any structure. Cut ends on larger structures are no longer supported by a full ring and are less stiff than the barrel of the structure. Extreme cut ends should be avoided on any structure. Cut ends on larger structures should be anchored to a reinforce concrete collar or headwall. If beveling necessary, step bevels are recommended over other designs. Care should be used when placing backfill around cut ends to avoid distortion.

Pipe-arches are especially susceptible to hydraulic forces.

Structures designed to flow under pressure head are more vulnerable to end problems than those designed to flow less than full.

By decreasing the water infiltration under and beside the structure, hydraulic uplift (pore pressure) forces can be reduced. Full or partial reinforced concrete headwalls, grouted riprap, riprap with a geotextile and cutoff walls below and beside the structure are some of the end treatment methods that have been used to prevent uplift of the structure and control scouring of the backfill embankment.

Headwalls or other end treatments should be designed by a qualified engineer.

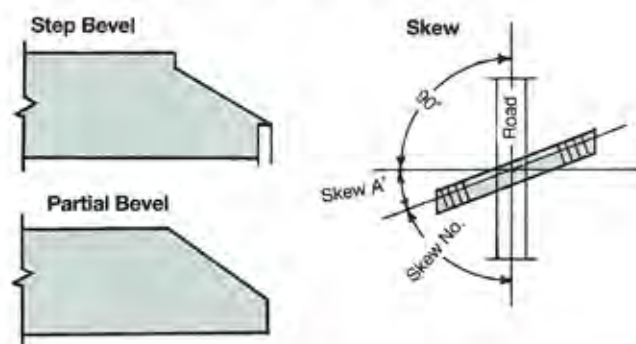
Appropriate end treatment design is beyond the scope of this brochure. Additional information can be obtained from the local DOT guidelines, the FHWA Circular Memo, "Plans for Culvert Inlet and Outlet Structures," Sheets G-39-66 to G-44-66, 1966 and chapters within the AISA Handbook of Steel Drainage & Highway Construction Products.

## Hydraulic Nomographs

Hydraulic design nomographs for inlet and outlet control conditions have been developed by Dr. James R. Barton and Dr. A. Woodruff Miller, civil engineering professors at Brigham Young University, Provo, Utah.

They are based on research reports by John L. French and H.G. Bossy and are similar to nomographs found in FHWA Hydraulic Design Series #5. These nomographs and other hydraulic data may be obtained from any Contech Office listed on the back cover.

Structural Plate End Finishes





# Plate Data

## Description

Aluminum structural plate's corrugation pattern has a 9" pitch and a 2 1/2" depth. The corrugations are at right angles to the length of the structure.

**Thickness** – Nominal plate thicknesses are available from 0.125" to 0.250" (See Table 12).

**Lengths** – Individual circumferential plate lengths are noted in terms of N (N = 9.625" or 9 5/8" or 3 pi). Standard plates are fabricated in seven net covering lengths:

- 8N (77.00"), 9N (86.63")
- 10N (96.25"), 11N (105.88")
- 12N (115.50"), 13N (125.13") and 14N (134.75")

The N nomenclature translates circumference directly into nominal diameter in inches. For example, two 10N plates give a diameter of 60" (2 x 10N x 3 pi); three 12N plates = 108" (3 x 12N x 3 pi), etc. Various plates lengths structure shape and size.

**Widths** – All standard plates have a net width of 4'-6" centers provide a standard 5.33 bolts per foot of longitudinal seam in two parallel rows at 1 3/4" centers.

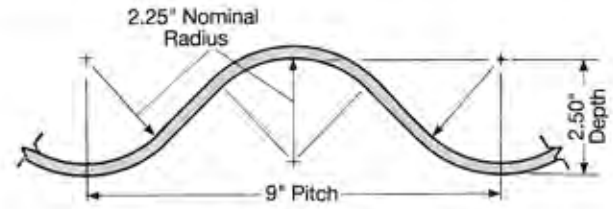
The outside crests of the end corrugations are punched for circumferential seam holes on centers of 9.625" (or 3 pi).

**Material** – Plates are fabricated from an aluminum allow with material properties that conform to AASHTO M219 and ASTM B 209 specifications.

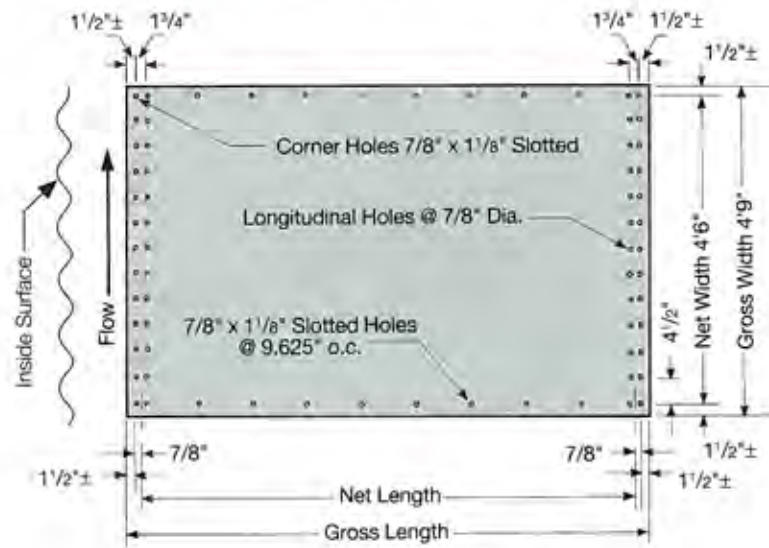
### Bolts and Nuts

Hot-dipped galvanized, specially heat-treated 3/4" diameter steel bolts, meeting ASTM A 307 specifications, are used to assemble structural plate sections. The underside of the bolt head is uniformly rounded and does not require special positioning.

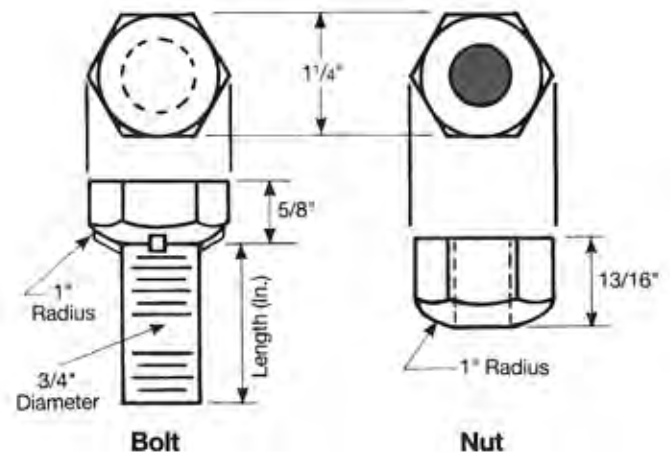
In addition, the underside of the bolt head is ribbed to prevent bolt rotation while tightening. Unlike conventional bolts, once the nut is finger tight, final tightening can usually be accomplished by one worker.



9" x 2 1/2" Corrugation



Standard Plate Detail



# Round and Vertical & Horizontal Ellipse

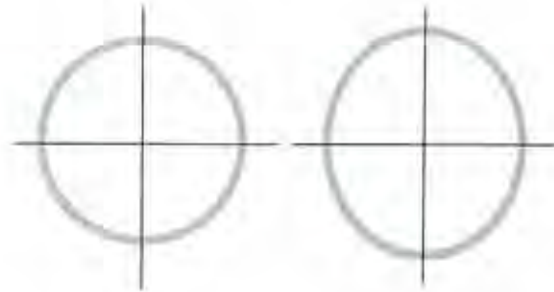
**Table 1 — Round and Vertical Ellipse Pipe Details<sup>(1,2,3)</sup>**

Round Dia. (Inches)	Ellipse Dimensions (Inches)		Approx. Area <sup>(5)</sup> (Sq. Ft.)	Total N	
	Span	Rise		Structure	Rib <sup>(4)</sup>
90	96	92	18.8	20	8
96	92	88	22.9	22	9
102	87	75	27.5	24	10
108	73	61	32.4	26	11
114	79	69	37.8	28	12
120	85	84	43.6	30	13
126	91	101	49.7	32	14
132	97	107	56.3	34	15
138	103	114	63.3	36	16
144	109	120	70.7	38	17
150	115	127	78.5	40	18
156	120	133	86.7	42	19
162	126	139	95.4	44	20
168	132	146	104.4	46	21
174	138	152	113.9	48	22
180	142	157	123.7	50	23
186	148	164	134.0	52	24
192	153	170	144.7	54	25
198	159	176	155.7	56	26
204	165	183	167.2	58	27
210	171	189	179.1	60	28
216	177	195	191.4	62	29
222	182	202	204.2	64	30
228	189	209	217.3	66	31
234	195	215	230.8	68	32
240	200	222	244.8	70	33
246	206	228	259.1	72	34
252	212	235	273.9	74	35
258	217	241	289.1	76	36
264	224	247	304.7	78	37

Larger sizes are available. Contact your CONTECH representative.

**Notes**

1. N = 9.625"
2. Dimensions are to inside corrugation crests and are subject to manufacturing tolerances.
3. To determine the proper gage, use information on table 7.
4. Reinforcing rib length, if required. For 66" through 96" diameter, use Type II rib only.
5. Areas as shown are for round pipe. Areas for vertical ellipses are slightly less.



This front end loader easily handles this 50' section of round pipe.

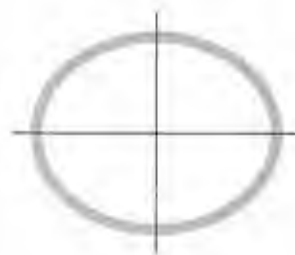
**Table 2 — Horizontal Ellipse Details<sup>(1,2,4)</sup>**

Structure Number	Span Ft.-In.	Rise Ft.-In.	Approx. Area (Sq. Ft.)	R <sub>1</sub> Inches	R <sub>2</sub> Inches	Total N	
						Structure	Rib <sup>(4)</sup>
10E6	9-2	6-5	47.9	66	32	32	10
11E6	9-11	7-0	53.7	75	32	34	11
12E6	10-7	7-3	59.8	81	32	36	12
13E7	10-11	7-11	66.0	81	37	38	12
13E6	11-4	7-6	66.2	88	32	36	13
13E7	11-8	8-2	74.8	88	37	40	13
13E8	12-0	6-11	83.8	86	43	42	13
14E6	12-7	7-9	72.8	95	32	40	14
14E7	12-5	8-5	82.0	95	37	42	14
14E8	12-9	9-2	91.5	95	43	44	14
15E6	12-10	8-1	79.7	102	32	42	15
15E7	12-2	8-9	89.4	102	37	44	15
16E6	13-6	9-6	99.4	102	43	46	15
16E6	13-7	8-4	88.6	109	32	44	16
16E7	13-11	9-0	97.1	109	37	46	16
16E8	14-3	9-9	107.6	109	43	48	16
16E9	14-7	10-5	118.5	109	48	50	16
16E10	14-11	11-2	129.7	109	54	52	16

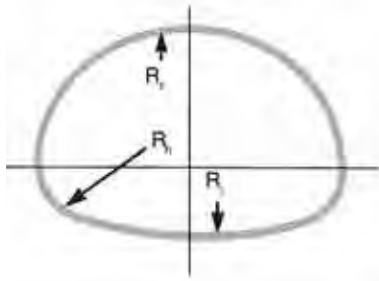
Larger sizes are available. Contact your CONTECH representative.

**Notes**

1. N = 9.625"
2. Dimensions are to inside corrugation crests and are subject to manufacturing tolerances.
3. Reinforcing rib length, if required.
4. To determine the proper gage, use information on table 9.



# Pipe Arch



**Table 3 — Pipe-Arch Details<sup>(1,2,3,5,7)</sup>**

Span (FL-in.)	Rise (FL-in.)	Approx. Area (Sq. Ft.)	Inside Radius (Inches)		Arc Length N <sup>(6)</sup>			Total N	
			Crown (R)	Invert (R)	Crown	Haunch	Invert	Structure	Rib <sup>(8)</sup>
6-7	5-8	29.6	41.0	69.9	8	7	3	25	6
6-11	5-9	31.9	43.7	102.9	9	7	2	26	6
7-3	5-11	34.3	45.6	188.3	10	7	2	27	8
7-9	6-0	36.8	51.0	83.8	9	7	5	29	8
8-1	6-1	39.3	53.3	106.1	10	7	5	29	8
8-5	6-3	41.9	54.9	150.1	11	7	5	30	8
8-10	6-4	44.5	63.3	85.0	10	7	7	31	10
9-3	6-5	47.1	64.4	112.6	11	7	7	32	10
9-7	6-6	49.9	65.4	141.6	12	7	7	33	10
9-11	6-8	52.7	65.4	188.7	13	7	7	34	10
10-3	6-9	55.5	67.4	276.8	14	7	7	35	11
10-9	6-10	58.4	77.5	139.6	13	7	8	36	11
11-1	7-0	61.4	77.8	172.0	14	7	8	37	11
11-6	7-1	64.4	78.2	222.0	15	7	9	38	11
11-9	7-2	67.5	78.7	309.5	16	7	9	39	13
12-3	7-3	70.5	90.8	165.2	15	7	11	40	13
12-7	7-6	73.7	90.5	200.0	16	7	11	41	13
12-11	7-6	77.0	90.4	251.7	17	7	11	42	13
13-1	8-2	83.0	88.8	143.6	16	6	13	43	13
13-7	8-4	86.6	81.7	300.8	21	6	11	44	13
13-11	8-5	90.3	100.4	132.0	18	6	13	45	13
14-0	8-7	94.2	90.3	215.1	21	6	13	46	13
13-11	9-5	101.5	88.2	159.3	23	6	14	47	13
14-3	9-7	105.7	87.2	176.3	24	6	14	48	13
14-8	9-8	109.9	90.9	166.2	24	5	15	49	13
14-11	9-10	114.2	91.8	183.0	25	5	15	50	13
15-4	10-0	118.6	95.3	173.0	25	5	16	51	14
15-7	10-2	123.1	96.4	169.5	26	5	16	52	14
15-1	10-4	127.6	100.2	179.7	26	5	17	53	14
16-4	10-6	132.3	101.0	190.1	27	5	17	54	14

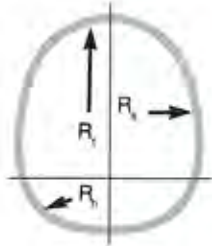
Larger sizes are available. Contact your CONTECH representative.

## Notes

1.  $N = 9.625''$
2. Dimensions are to inside corrugation crests and are subject to manufacturing tolerances.
3. To determine the proper gage, use information on table 10.
4. The Arc Length N column reflects the peripheral length of a certain radius. Actual plate make-up, in a ring for a pipe-arch structure, will vary because of the multiple radii in a single plate.
5. Haunch Radius ( $R_h$ ) = 37.75"
6. Reinforcing rib length, if required. For 6'7" through 7'3" span, use Type II rib only.
7. See side fill and foundation design.





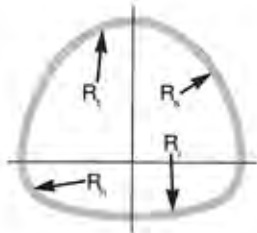


**Table 4 — Pedestrian/Animal Underpass Details<sup>(1,2,3,7)</sup>**

Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Inside Radius (Inches) <sup>(3)</sup>			Arc Length (Inches) <sup>(4)</sup>				Total N	
			Crown (R <sub>1</sub> )	Side (R <sub>2</sub> )	Haunch (R <sub>3</sub> )	Crown	Side	Haunch	Bottom	Structure	Rib <sup>(5)</sup>
6-1	5-9	28	31.8	48.2	31.8	43.0	20.5	68.6	9.2	24	5
6-3	6-1	30	31.8	51.3	31.8	50.2	28.6	60.7	11.1	25	6
6-3	6-5	32	31.8	55.0	31.8	55.5	38.8	53.9	11.6	26	7
6-2	6-11	34	31.8	71.3	31.8	70.4	38.0	51.3	10.2	27	8
6-4	7-2	37	31.8	72.4	31.8	67.3	45.0	50.0	11.6	28	8
6-3	7-9	39	31.8	74.7	31.8	69.2	54.0	45.7	9.8	29	8
6-5	8-1	42	31.8	75.8	31.8	66.9	60.5	44.4	11.3	30	8

**Notes**

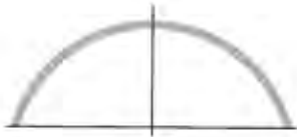
1. N = 9.625"
2. Dimensions are to inside corrugation crests and are subject to manufacturing tolerances. The designer should allow sufficient clearance for manufacturing tolerances and installation deflection.
3. To determine proper gage, use information on table 11.
4. The Arc Length N or inches column reflects the peripheral length of a certain radius. Actual plate make-up, in a ring for an underpass structure, will vary because of multiple radii in a single plate.
5. The bottoms of pedestrian/animal underpasses are nearly flat.
6. Reinforcing rib length, if required. Only Type II crown ribs can be used on a pedestrian/animal underpasses.
7. See side fill and foundation design.



**Table 5 — Vehicular Underpass Details<sup>(1,2,3,7)</sup>**

Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Inside Radius (Inches)				Arc Length N				Total N	
			Crown (R <sub>1</sub> )	Side (R <sub>2</sub> )	Haunch (R <sub>3</sub> )	Invert (R <sub>4</sub> )	Crown	Side	Haunch	Invert	Structure	Rib <sup>(5)</sup>
12-1	11-0	106	68.0	88.0	38.0	136.0	13	8	4	10	47	10
12-10	11-2	114	74.5	86.8	38.5	148.5	14	8	4	11	49	11
13-0	12-0	124	72.5	98.2	37.5	160.5	14	9	4	11	51	11
13-8	12-4	133	76.8	102.6	37.8	167.8	15	9	4	12	53	12
14-0	12-11	143	76.9	110.7	37.9	182.9	15	10	4	12	55	12
14-6	13-5	155	78.9	124.7	38.9	174.0	16	9	5	13	57	12
14-8	14-1	165	79.0	130.0	38.0	193.0	16	11	4	13	59	12
15-5	14-5	177	83.5	135.4	38.5	201.5	17	10	5	14	61	13
15-6	15-2	190	81.6	149.1	37.6	211.6	17	12	4	14	63	13
16-2	15-6	200	85.9	154.4	37.9	216.9	18	12	4	15	65	13
16-6	16-0	208	89.3	153.9	39.3	272.3	19	12	5	14	67	13
16-8	16-4	215	89.2	160.8	38.2	246.2	19	12	5	15	68	13

Larger sizes are available. Contact your CONTECH representative.



*This 3-plate arch structure assembles nicely into the slotted concrete footing.*

**Table 6 — Arch Details**<sup>(1,2,3,6)</sup>

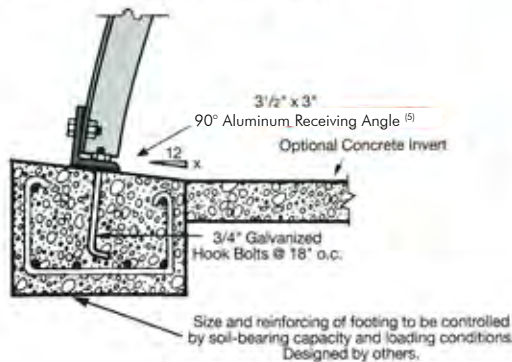
Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Radius (In.)	Rise/ Span Ratio	Total N		Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Radius (In.)	Rise/ Span Ratio	Total N	
					Structure	Rib <sup>(4)</sup>						Structure	Rib <sup>(6)</sup>
5-0	1-9	6.5	31.75	.36	8	5	14-0	4-8	46.9	91.25	.33	22	13
	2-3	8.5	30.25	.44	9	5		5-7	58.4	86.00	.40	24	13
	2-7	10.4	30.00	.52	10	5		6-5	69.5	84.25	.46	26	13
6-0	1-10	7.8	40.50	.30	9	5	15-0	7-3	80.6	84.00	.52	28	13
	2-4	10.2	37.25	.38	10	5		4-8	50.0	100.50	.31	23	14
	2-9	12.6	38.25	.46	11	5		5-8	62.6	93.50	.38	25	14
7-0	3-2	14.9	36.00	.52	12	5	16-0	6-7	74.7	91.00	.44	27	14
	2-4	12.0	45.25	.34	11	6		7-5	86.5	90.00	.49	29	14
	2-10	14.8	43.00	.40	12	6		7-9	92.5	90.00	.52	30	14
8-0	3-3	17.5	42.00	.46	13	6	17-0	5-3	60.0	105.00	.32	25	14
	3-8	20.3	42.00	.52	14	6		6-2	73.3	99.25	.39	27	14
	2-11	17.0	50.50	.36	13	7		7-1	88.2	96.75	.44	29	14
9-0	3-4	20.2	48.75	.42	14	7	18-0	7-11	98.9	96.00	.49	31	14
	4-2	26.4	48.00	.52	16	7		8-3	105.2	96.00	.52	32	14
	2-11	19.1	59.00	.33	14	8		5-3	63.5	114.25	.31	26	16
10-0	3-10	26.3	54.50	.43	16	8	19-0	6-3	77.9	107.00	.37	28	16
	4-8	33.4	54.00	.50	18	8		7-2	91.7	103.50	.42	30	16
	3-6	25.3	64.00	.35	16	9		8-0	105.2	102.25	.47	32	16
11-0	4-5	33.3	60.50	.44	18	9	18-0	8-10	118.7	102.00	.52	34	16
	5-2	41.2	60.00	.52	20	9		5-9	74.8	118.75	.32	28	17
	3-6	27.8	72.75	.32	17	10		6-9	89.9	112.50	.38	30	17
12-0	4-6	36.8	67.50	.41	19	10	17-0	7-8	104.5	109.25	.43	32	17
	5-8	49.8	66.00	.52	22	10		8-6	118.8	108.25	.47	34	17
	4-1	35.3	77.50	.34	19	11		8-11	125.9	108.00	.50	35	17
13-0	5-0	45.0	73.25	.42	21	11	19-0	6-4	86.9	123.50	.33	30	17
	6-3	59.3	72.00	.52	24	11		7-4	102.7	118.00	.38	32	17
	4-1	38.1	86.50	.31	20	12		8-2	118.0	115.25	.43	34	17
15-0	5-1	48.9	80.50	.39	22	12	19-0	9-0	133.2	114.25	.48	36	17
	5-11	59.3	78.25	.46	24	12		9-5	140.7	114.00	.50	37	17
	6-9	69.5	78.00	.52	26	12							

Larger sizes are available. Contact your CONTECH representative.

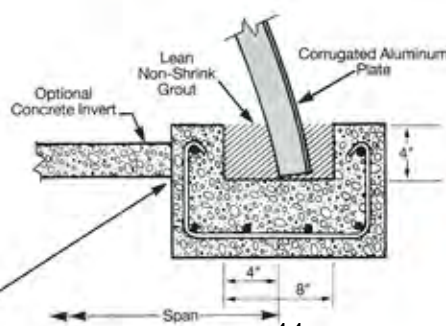
**Notes**

1. N = 9.625"
2. Dimensions to inside corrugation crests are subject to manufacturing tolerances.
3. To determine proper gage, use information on table 8.
4. Reinforcing rib length, if required. For 5' through 8' span, use Type II rib only.
5. The aluminum receiving angle is a separate item.
6. Arch shapes shown in a single radius with a rise/span ratio of 0.30 or greater. Structure with rise/span ratios less than 0.30 are not typically used due to structural considerations.

**Concrete Footing with Angle**



**Slotted Concrete Footing**



**Notes**

Maintain enough clearance between the rebar and aluminum to avoid galvanic corrosion.



Offering Superior Corrosion Resistance and  
Many Decades of  
Maintenance-Free Service Life.



# Height of Cover

**Table 7 — Round Structures (HS 20 Live Load)**

Metal Thickness (In.) - Reinforcing Rib Type - Rib Spacing (In.) (Maximum Cover—Ft.)							
Diameter (Ft.-In.)	Approx. Area (Sq. Ft.)	Minimum Height-of-Cover (Feet)					
		1.00	1.50	2.00	2.50	3.00	3.50
5-0	19	.125 (45)	.125 (45)	.125 (45)	.125 (45)	.125 (45)	.125 (45)
5-6	23	.125-II-18 (37)	.125 (37)	.125 (37)	.125 (37)	.125 (37)	.125 (37)
6-0	28						
6-6	32	.125-II-18 (32)	.125 (32)	.125 (32)	.125 (32)	.125 (32)	.125 (32)
7-0	38						
7-6	44	.125-II-9 (28)	.150 (37)	.125 (28)	.125 (28)	.125 (28)	.125 (28)
8-0	50						
8-6	56	.125-IV-9 (25)	.125-II-18 (25)	.125 (25)	.125 (25)	.125 (25)	.125 (25)
9-0	63						
9-6	71	.125-IV-9 (22)	.125-II-18 (22)	.125 (22)	.125 (22)	.125 (22)	.125 (22)
10-0	79						
10-6	87	.175-IV-9 (32)	.125-II-18 (20)	.125-II-27 (20)	.125 (20)	.125 (20)	.125 (20)
11-0	95						
11-6	104		.125-IV-18 (18)	.125-II-27 (18)	.125 (18)	.125 (18)	.125 (18)
12-0	114						
12-6	124		.150-IV-18 (23)	.125-II-27 (17)	.150 (23)	.125 (17)	.125 (17)
13-0	134						
13-6	145		.125-IV-9 (16)	.125-IV-27 (16)	.125-II-27 (16)	.150 (21)	.150 (21)
14-0	156						
14-6	167		.125-IV-9 (15)	.125-IV-27 (15)	.125-II-27 (15)	.125-II-27 (15)	.125-II-54 (15)
15-0	179						
15-6	191		.150-IV-9 (16)	.125-IV-18 (14)	.125-II-27 (14)	.150-II-54 (18)	.150-II-54 (18)
16-0	204						
16-6	217		.225-IV-9 (27)	.150-IV-18 (17)	.150-II-27 (17)	.150-II-27 (17)	.150-II-27 (17)
17-0	231						
17-6	245			.175-IV-18 (19)	.175-II-27 (19)	.175-II-27 (19)	.175-II-27 (19)
18-0	259						
18-6	274			.175-IV-9 (18)	.175-IV-27 (18)	.175-II-27 (18)	.175-II-27 (18)
19-0	289						
19-6	305			.200-IV-9 (20)	.200-IV-27 (20)	.200-II-27 (20)	.200-II-27 (20)



*Aluminum structural plate structures offer superior corrosion resistance and many decades of maintenance-free service life.*

**Table 8 — Arch Structures (HS 20 Live Load)**

Metal Thickness (In.) - Reinforcing Rib Type - Rib Spacing (In.) (Maximum Cover—FL)								
Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Minimum Height-of-Cover (Feet)					
			1.00	1.50	2.00	2.50	3.00	3.50
5-0	1-9	7	.125	.125	.125	.125	.125	.125
	2-3	9	(45)	(45)	(45)	(45)	(45)	(45)
	2-7	10						
6-0	1-10	8	.125-II-18	.125	.125	.125	.125	.125
	2-4	10	(37)	(37)	(37)	(37)	(37)	(37)
	2-9	13						
	3-2	15						
7-0	2-4	12	.125-II-18	.125	.125	.125	.125	.125
	2-10	15	(32)	(32)	(32)	(32)	(32)	(32)
	3-3	18						
	3-8	20						
8-0	2-11	17	.125-II-9	.150	.125	.125	.125	.125
	3-4	20	(28)	(37)	(28)	(28)	(28)	(28)
	4-2	26						
9-0	2-11	19	.125-IV-9	.125-II-18	.125	.125	.125	.125
	3-10	26	(25)	(25)	(25)	(25)	(25)	(25)
	4-8	33						
10-0	3-6	25	.125-IV-9	.125-II-18	.125	.125	.125	.125
	4-5	33	(22)	(22)	(22)	(22)	(22)	(22)
	5-2	41						
11-0	3-6	28	.175-IV-9	.125-II-18	.125-II-27	.125	.125	.125
	4-6	37	(32)	(20)	(20)	(20)	(20)	(20)
	5-8	50						
12-0	4-1	35		.125-IV-18	.125-II-27	.125	.125	.125
	5-0	45		(18)	(18)	(18)	(18)	(18)
	6-3	59						
13-0	4-1	38		.150-IV-18	.125-II-27	.150	.125	.125
	5-1	49		(23)	(17)	(23)	(17)	(17)
	5-11	59						
	6-9	70						
14-0	4-8	47		.125-IV-9	.125-IV-27	.125-II-27	.125	.125
	5-7	58		(16)	(16)	(16)	(16)	(16)
	6-5	70						
	7-3	81						
15-0	4-8	50		.125-IV-9	.125-IV-27	.125-II-27	.125	.125
	5-8	63		(15)	(15)	(15)	(15)	(15)
	6-7	75						
	7-5	87						
	7-9	93						
16-0	5-3	60		.150-IV-9	.125-IV-18	.125-II-27	.150	.125
	6-2	73		(18)	(14)	(14)	(18)	(14)
	7-1	86						
	7-11	99						
	8-3	105						
17-0	5-3	64		.225-IV-9	.150-IV-18	.125-II-27	.175	.150
	6-3	78		(27)	(17)	(13)	(20)	(17)
	7-2	92						
	8-0	105						
	8-10	119						
18-0	5-9	75			.175-IV-18	.125-IV-27	.200	.175
	6-9	90			(19)	(12)	(22)	(19)
	7-8	105						
	8-6	119						
	8-11	126						
19-0	6-4	87			.125-IV-9	.125-IV-27	.125-IV-54	.125-IV-54
	7-4	103			(11)	(11)	(11)	(11)
	8-2	118						
	9-0	133						
	9-5	141						

**Notes**

- The tables are presented for the designer's convenience in selecting metal thickness, reinforcing rib type and rib spacing for minimum cover applications. For structures with maximum covers greater than those shown in the table, heavier plate may possibly be used. Consult your Contech representative.
- Allowable cover (minimum and maximum) is measured from the outside valley of the crown plate to the top of rigid pavement. Minimum cover is measured at the lowest fill area subjected to possible wheel loads (typically at the roadway shoulder). Minimum cover must be maintained in unpaved areas. Maximum cover is measured at the highest fill and/or the highest pavement elevation.
- To find the minimum materials requirements for the aluminum structural plate structure.
  - Design specifications: Section 12 of AASHTO's Standard Specifications for Highway Bridges and ASTM B 790.
  - Standard HS 20 wheel loads. Consult a Contech representative for special loading conditions.
  - AASHTO M145 backfill materials classified as A-1, A-2 or A-3 compacted to 90% density per AASHTO T99. Unit weight of soil: 120 lb/cf
  - Yield point of aluminum: 24,000 psi for plate, 35,000 psi for reinforcing ribs.

# Height of Cover

**Table 9 — Horizontal Ellipse Structures (HS 20 Live Load)**

Metal Thickness (In.) - Reinforcing Rib Type - Rib Spacing (In.) (Maximum Cover—FL)								
Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Minimum Height-of-Cover (Feet)					
			1.00	1.50	2.00	2.50	3.00	3.50
9-2 9-11	6-8 7-0	48 54	.125-IV-9 (14)	.125-II-18 (14)	.125 (14)	.125 (14)	.125 (14)	.125 (14)
10-7 10-11	7-3 7-11	60 68	.175-IV-9 (13)	.125-II-18 (13)	.125-II-27 (13)	.125 (13)	.125 (13)	.125 (13)
11-4 11-8 12-0 12-1	7-6 8-3 8-11 7-9	66 75 84 73		.125-IV-18 (11)	.125-II-27 (11)	.125 (11)	.125 (11)	.125 (11)
12-5 12-9 12-10	8-6 9-2 8-1	82 92 80		.150-IV-18 (10)	.125-II-27 (10)	.150 (10)	.125 (10)	.125 (10)
13-2 13-6 13-7 13-11	8-9 9-8 9-4 9-0	89 99 87 97		.125-IV-9 (9)	.125-IV-27 (9)	.125-II-27 (9)	.125 (9)	.125 (9)
14-3 14-7 14-11	9-9 10-5 11-2	108 119 130		.125-IV-9 (11)	.125-IV-27 (11)	.125-II-27 (11)	.125 (11)	.125 (11)

**Notes:** Maximum cover based on allowable corner bearing pressure of approximately 4,000 psi (2 tsf).

**Table 10 — Pipe-Arch Structures (HS 20 Live Load)**

Metal Thickness (In.) - Reinforcing Rib Type - Rib Spacing (In.) (Maximum Cover—FL)								
Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Minimum Height-of-Cover (Feet)					
			1.00	1.50	2.00	2.50	3.00	3.50
6-7 6-11	5-8 5-9	30 32	.125-II-18 (24)	.125 (24)	.125 (24)	.125 (24)	.125 (24)	.125 (24)
7-3 7-9 8-1	6-11 6-0 6-1	34 37 39	.125-IV-18 (18)	.150 (18)	.125 (18)	.125 (18)	.125 (18)	.125 (18)
8-5 8-10	6-3 6-4	42 45	.125-IV-9 (16)	.125-II-18 (16)	.125 (16)	.125 (16)	.125 (16)	.125 (16)
9-3 9-7 9-11	6-5 6-6 6-8	47 50 53	.125-IV-9 (15)	.125-II-18 (15)	.125 (15)	.125 (15)	.125 (15)	.125 (15)
10-3 10-9 11-1	6-9 6-10 7-0	56 58 61	.175-IV-9 (13)	.125-II-18 (13)	.125-II-27 (13)	.125 (13)	.125 (13)	.125 (13)
11-5 11-9	7-1 7-2	64 68		.125-IV-18 (13)	.125-II-27 (13)	.125 (13)	.125 (13)	.125 (13)
12-3 12-7 12-11 13-1 13-1	7-3 7-6 7-6 8-2 8-4	71 74 77 83 87		.150-IV-18 (11)	.125-II-27 (11)	.150 (11)	.125 (11)	.125 (11)
13-11 14-0 13-11	8-5 8-7 9-6	90 94 102		.125-IV-9 (10)	.125-IV-27 (10)	.125-II-27 (10)	.125 (10)	.125 (10)
14-3 14-6 14-11	9-7 9-8 9-10	106 110 114		.125-IV-9 (11)	.125-IV-27 (11)	.125-II-27 (11)	.125 (11)	.125 (11)
15-4 15-7 16-1	10-0 10-2 10-4	119 123 128		.150-IV-9 (10)	.125-IV-18 (10)	.125-II-27 (10)	.175-II-54 (10)	.125 (10)
16-4	10-6	132		.225-IV-9 (10)	.150-IV-18 (10)	.125-II-27 (10)	.125-II-54 (10)	.125-II-54 (10)

**Notes:** Maximum cover based on allowable corner bearing pressure of approximately 4,000 psi (2 tsf).

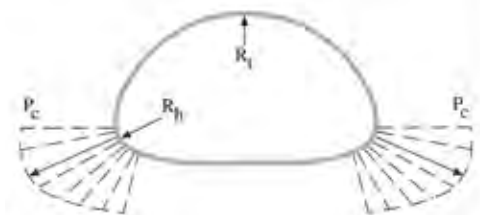
**Table 11 — Underpass Structures (HS 20 Live Load)**

Metal Thickness (In.) - Reinforcing Rib Type - Rib Spacing (In.) (Maximum Cover—FT.)								
Span (Ft.-In.)	Rise (Ft.-In.)	Approx. Area (Sq. Ft.)	Minimum Height-of-Cover (Feet)					
			1.00	1.50	2.00	2.50	3.00	3.50
6-1	5-9	28	.125-II-18 (33)	.125 (33)	.125 (33)	.125 (31)	.125 (33)	.125 (33)
6-2 6-3 6-2 6-4 6-3 6-5	6-1 6-5 6-11 7-3 7-9 8-1	30 32 34 37 39 42	.125-II-18 (33)	.125 (33)	.125 (33)	.125 (33)	.125 (33)	.125 (33)
12-1	11-0	106		.125-IV-18 (18)	.125-II-27 (18)	.125 (18)	.125 (18)	.125 (18)
12-10 13-0	11-2 12-0	114 124		.150-IV-18 (17)	.125-II-27 (17)	.150 (17)	.125 (17)	.125 (17)
13-8 14-0	12-4 12-11	133 143		.125-IV-9 (16)	.125-IV-27 (16)	.125-II-27 (16)	.125-II-54 (16)	.125-II-54 (16)
14-6 14-8	13-5 14-1	155 165		.125-IV-9 (16)	.125-IV-27 (16)	.125-II-27 (16)	.125-II-54 (16)	.125-II-54 (16)
15-5 15-6	14-5 15-2	177 190		.150-IV-9 (15)	.125-IV-18 (15)	.125-II-27 (15)	.150-II-54 (15)	.150-II-54 (15)
16-2 16-6 16-8	15-6 16-0 16-4	200 209 215		.225-IV-9 (14)	.150-IV-18 (14)	.150-II-27 (14)	.150-II-27 (14)	.150-II-27 (14)

**Notes:** Maximum cover based on allowable corner bearing pressure of approximately 4,000 psi (2 tsf).

**Notes**

1. The tables are presented for the designer’s convenience in selecting metal thickness, reinforcing rib type, and rib spacing for minimum cover applications. For structures with maximum covers greater than those shown in the table, heavier plate may possibly be used. Call your Contech Representative.
2. Allowable cover (minimum and maximum) is measured from the outside valley of the crown plate to the bottom of flexible pavement or from the outside valley of the crown plate to the top of rigid pavement
3. To find the minimum materials requirements for the aluminum structural plate structure.
  - a. Design specifications: Section 12 of AASHTO’s Standard Specifications for Highway Bridges and ASTM B 790.
  - b. Standard HS 20 wheel loads. Consult a Contech representative for special loading conditions.
  - c. AASHTO M145 backfill materials classified as A-1, A-2 or A-3 compacted to 90% density per AASHTO T99. Unit weight of soil: 120 lb/cf
  - d. Yield point of aluminum: 24,000 psi for plate, 35,000 psi for reinforcing ribs.





# Handling Weight

**Table 12 — Approximate Handling Weight of Structure (Pounds Per Foot)**

Total N	Nominal Thickness (Inches)						Bolts per Foot of Structure	Plates per Ring in a Structure
	.125	.150	.175	.200	.225	.250		
8	19	23	26	29	32	35	6.9	1
9	21	25	28	32	35	39	7.1	1
10	23	27	31	35	38	43	7.3	1
11	25	30	34	38	42	46	7.6	1
12	27	32	37	41	45	50	7.8	1
13	29	34	39	44	49	54	8.0	1
14	31	37	42	47	52	58	8.2	1
15	36	43	49	54	60	66	13.6	2
16	38	45	52	57	63	70	13.8	2
17	40	48	54	60	67	74	14.0	2
18	42	50	57	63	70	77	14.2	2
19	44	52	60	66	73	81	14.4	2
20	46	55	62	70	77	85	14.7	2
21	48	57	65	73	80	89	14.9	2
22	50	59	68	76	83	93	15.1	2
23	52	62	70	79	87	96	15.3	2
24	54	64	73	82	90	100	15.6	2
25	56	66	76	85	94	104	15.8	2
26	58	69	79	88	97	108	16.0	2
27	59	71	81	91	100	112	16.2	2
28	61	73	84	94	104	115	16.4	2
29	67	80	91	101	112	124	21.8	3
30	69	82	93	104	115	128	22.0	3
31	71	84	96	107	119	132	22.2	3
32	73	87	99	110	122	136	22.7	3
33	75	89	102	113	125	139	22.7	3
34	77	91	104	116	129	143	22.9	3
35	79	94	107	120	132	146	23.1	3
36	80	96	110	123	135	150	23.3	3
37	82	98	112	126	139	154	23.6	3
38	84	101	115	129	142	158	23.8	3
39	86	103	118	132	146	162	24.0	3
40	88	105	121	135	149	166	24.2	3
41	90	108	123	138	152	169	24.4	3
42	92	110	126	141	156	173	24.7	3
43	98	116	133	148	164	181	30.0	4
44	100	118	135	151	167	185	30.2	4
45	102	121	138	154	170	189	30.4	4
46	103	123	141	157	174	193	30.7	4
47	106	125	144	160	177	197	30.9	4
48	107	126	146	163	180	200	31.1	4
49	109	130	149	166	184	204	31.3	4
50	111	133	152	169	187	208	31.6	4
51	113	135	154	173	191	212	31.6	4
52	115	137	157	176	194	215	32.0	4
53	117	140	160	179	197	219	32.2	4
54	119	142	163	182	201	223	32.4	4
55	121	144	165	185	204	227	32.7	4
56	123	147	168	188	208	231	32.9	4
57	128	153	175	195	215	239	38.2	5
58	130	155	177	198	219	243	38.4	5
59	132	157	180	201	222	247	38.7	5
60	134	160	183	204	226	250	38.9	5
61	136	162	186	207	229	254	39.1	5
62	138	164	188	210	232	258	39.3	5
63	140	167	191	213	236	262	39.6	5
64	142	169	194	216	239	266	39.8	5
65	144	171	196	219	243	269	40.0	5
66	146	174	199	223	246	273	40.2	5
67	148	176	202	226	249	277	40.4	5
68	150	178	205	229	253	281	40.7	5
69	151	181	207	232	256	285	40.9	5
70	153	183	210	235	260	288	41.1	5
71	159	189	217	242	267	297	46.4	6
72	161	192	219	245	271	300	46.7	6
73	163	194	222	248	274	304	46.9	6
74	165	196	225	251	278	308	47.1	6
75	167	199	228	254	281	312	47.3	6
76	169	201	230	257	284	316	47.6	6
77		203	233	260	288	319	47.8	6
78		208	236	263	291	323	48.0	6



*Individual plates are generally light enough to be handled by one worker.*

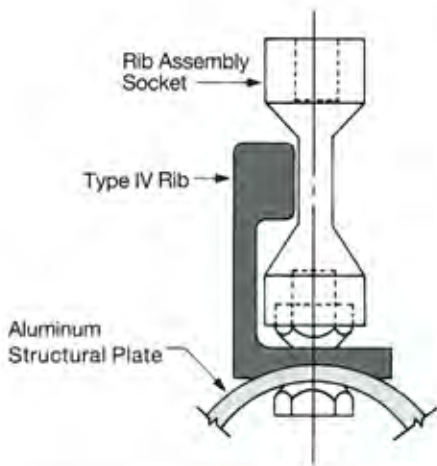


*In-place structure assembly often negates the need for conventional lifting equipment.*

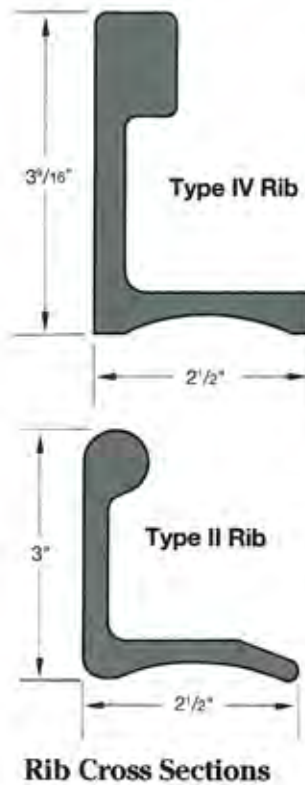
## Notes

1. Handling weights are approximate and include bolts and nuts.
2. To obtain the estimated total weight and bolt count per foot of the structure, use the Total N value of a structure (see Tables 1 through 6).
3. If a structure has reinforcing ribs, see Tables 13 or 14 on Page 17 for additional weight and bolt count.
4. For an arch, deduct 5.33 bolts per foot from column titled "Bolts per Foot of Structure."
5. On an arch, bolts and nuts for receiving angles are not included above.
6. Values in the column titled "Plates per Ring in a Structure" will be furnished unless noted otherwise on the assembly drawings.





The socket is specially shaped to fit around the top "bulb" of the reinforcing rib. This is a six-point socket for 1-1/4" nuts and with a 3/4" drive. This socket will work on both Type II and Type IV ribs. Contech offers this socket as a construction aid.



**Rib Cross Sections**



## Reinforcing Rib Design

When circumferential ribs are used with aluminum structural plate, they are reinforce the structure to reduce minimum cover and provide added stiffness. These circumferential ribs are bolted to the structure's crown at spacing of 9", 18", 27": or 54" centers.

### Notes

1. Bolts and nuts are included in the column titled "Weight per Ft. (Lb.)"
2. See table 12 for the handling weight of a structure without ribs.
3. For Total N of rib on a structure, see tables 1 and 6.

**Table 13 — Added Handling Weight and Additional Bolts Per Foot of Structure for Type II Reinforcing Rib**

Total N of Rib	Rib Spacing (O.C.)							
	9in.		18in.		27in.		54in.	
	Weight per Ft. (Lb.)	Bolts per Ft. (Each)	Weight per Ft. (Lb.)	Bolts per Ft. (Each)	Weight per Ft. (Lb.)	Bolts per Ft. (Each)	Weight per Ft. (Lb.)	Bolts per Ft. (Each)
5	17.0	6.7	8.2	2.7	5.2	1.3	2.2	0.0
6	19.9	7.8	9.5	3.1	6.1	1.6	2.6	0.0
7	22.7	8.9	10.9	3.6	6.9	1.8	3.0	0.0
8	25.6	10.0	12.2	4.0	7.8	2.0	3.4	0.0
9	28.4	11.1	13.6	4.4	8.7	2.2	3.7	0.0
10	31.3	12.2	15.0	4.9	9.5	2.4	4.1	0.0
11	34.1	13.3	16.3	5.3	10.4	2.7	4.5	0.0
12	37.0	14.4	17.7	5.8	11.3	2.9	4.9	0.0
13	39.8	15.6	19.1	6.2	12.1	3.1	5.2	0.0
14	42.7	16.7	20.4	6.7	13.0	3.3	5.6	0.0
15	45.5	17.8	21.8	7.1	13.9	3.6	6.0	0.0
16	48.3	18.9	23.2	7.6	14.8	3.8	6.4	0.0
17	51.2	20.0	24.5	8.0	15.6	4.0	6.7	0.0

**Table 14 — Added Handling Weight and Additional Bolts Per Foot of Structure for Type IV Reinforcing Rib**

Total N of Rib	Rib Spacing (O.C.)							
	9in.		18in.		27in.		54in.	
	Weight per Ft. (Lb.)	Bolts per Ft. (Each)	Weight per Ft. (Lb.)	Bolts per Ft. (Each)	Weight per Ft. (Lb.)	Bolts per Ft. (Each)	Weight per Ft. (Lb.)	Bolts per Ft. (Each)
5	21.5	6.7	10.4	2.7	6.7	1.3	3.0	0.0
6	25.1	7.8	12.1	3.1	7.8	1.6	3.5	0.0
7	28.7	8.9	13.9	3.6	8.9	1.8	4.0	0.0
8	32.3	10.0	15.6	4.0	10.0	2.0	4.5	0.0
9	35.9	11.1	17.3	4.4	11.2	2.2	5.0	0.0
10	39.5	12.2	19.1	4.9	12.3	2.4	5.5	0.0
11	43.1	13.3	20.8	5.3	13.4	2.7	6.0	0.0
12	46.7	14.4	22.6	5.8	14.5	2.9	6.5	0.0
13	50.3	15.6	24.3	6.2	15.6	3.1	7.0	0.0
14	53.9	16.7	26.0	6.7	16.8	3.3	7.5	0.0
15	57.5	17.8	27.8	7.1	17.9	3.6	8.0	0.0
16	61.1	18.9	29.5	7.6	19.0	3.8	8.5	0.0
17	64.6	20.0	31.2	8.0	20.1	4.0	9.0	0.0

# Specification

## Specification for Aluminum Structural Plate



Plates are positioned by hand are ready for assembly.

### Scope

This specification covers the manufacture and installation of the aluminum structural plate structure detailed in the plans.

### Material

The aluminum structural plate structure shall consist of plates and appurtenant items as shown on the plans and shall conform to the requirements of the AASHTO M219 and ASTM B 746. The corrugated plate (and ribs if required) shall be curved and bolt hole punched at the plant. Plate thickness and rib spacings shall be as indicated on the site plans.

Bolts and nuts shall conform to the requirements of ASTM A 307 or ASTM A 449 and shall be galvanized in accordance with ASTM A 153.

### Assembly

The structure shall be assembled in accordance with the shop drawings provided by the manufacturer and per the manufacturer's recommendations. Bolts shall be tightened using an applied torque of between 100 and 150 foot pounds.

### Installation

The structure shall be installed in accordance with the plans and specifications, the manufacturer's recommendations, and the AASHTO Standard Specification for Highway Bridges, Section 26 (Division II).

### Bedding

The bedding should be constructed to a uniform line and grade using material outlined in the back fill section. The foundation and haunch support areas must be capable of providing a bearing capacity of at least two tons per square foot.

### Backfill

The structure shall be backfilled using clean, well-graded granular material that meets the requirements of AASHTO M145 for soil classifications A-1, A-2 or A-3. Backfill must be placed symmetrically on each side of the structure in 6" to 8" lifts. Each shall be compacted to a minimum of 90% density per AASHTO T99.

### Required Elements

Satisfactory site preparation, trench excavation, bedding and backfill operations are essential to develop the strength of any flexible conduit. IN order to obtain proper strength while preventing settlement, it is necessary that the soil envelope around the structure be of good granular material, properly placed and carefully compacted.

Horizontal ellipse, pipe-arch and underpass shapes pose special installation problems not found in other shapes. These shapes will generate high corner bearing pressures against the sidefill and foundation (see the Corner Bearing Pressure equation). Therefore, special installation care must be implemented to achieve a composite aluminum/soil structure.

A qualified engineer should be engaged to design a proper foundation, adequate bedding and backfill.

### Trench Excavation

If the adjacent embankment material is structurally adequate, the trench requires only a bottom clear width of the structure' span plus sufficient room for compaction equipment.

### Bedding

Bedding preparation is critical to both structure performance and service life. The bed should be constructed to uniform line an grade to avoid distortions that may create undesirable stresses in the structure and/ or rapid deterioration of the roadway. The bed should be free of rock formations, protruding stones, frozen lumps, roots and other foreign matter that may cause unequal settlement.

It is recommended that the bedding be a stable, well graded granular materials. Placing the structure on the bedding surface is generally accomplished by one of two methods to ensure satisfactory compaction beneath the haunches. One method is shaping the bedding surface to conform to the lower section of the structure. The other is carefully tamping a granular or select material beneath the haunches to achieve a well compacted condition.

## **Assembly**

Assembly drawings and detailed assembly instructions are shipped with each order.

Structure can be preassembled and lifted into place all at once or in sections, allowing for staged construction. If the site conditions allow, structures can be assembled in place. A qualified engineer should be engaged to determine the most appropriate construction method based on specific site conditions. For additional information, please contact your Contech representative.

## **Backfill**

Satisfactory backfill material, proper placement and compaction are key factors in obtaining maximum strength and stability.

The backfill material should be free of rocks, frozen lumps and foreign material that could cause hard spots or decompose to create voids. Backfill material should be well graded granular material that meets the requirements of AASHTO M145 for soil classifications A-1, A-2 or A-3. Backfill must be placed symmetrically on each side of the structure in 6" to 8" loose lifts. Each lift is to be compacted to a minimum of 90% density per AASHTO T99.

A high percentage of silt or fine sand in the native soils suggests the need for a well graded granular backfill material to prevent soil migration. Alternately, a geotextile separator may be used.

During backfill, only small tracked vehicles (D-4 or smaller) should be near the structure as fill progresses above the crown and to finished grade. The engineer and contractor are cautioned that the minimum cover may need to be increased to handle temporary construction vehicle loads (larger than a D-4).

## **Saltwater Installation**

In salt water installations, the bedding and backfill around the structure must be clean granular material. If the backfill is subject to possible infiltration by the adjacent native soil, the clean granular backfill should be wrapped in a geotextile.

## **Pavement**

For minimum cover applications, Contech recommends that a properly designed flexible or rigid pavement be provided above the structure to distribute that live loads and maintain cover.

## **Precautions**

During installation and prior to the construction of permanent erosion control and end treatment protection, special precautions may be necessary.

The structure must be protected from unbalanced loads and from any structural loads or hydraulic forces that might bend or distort the unsupported ends of the structure.

Erosion or washout of previously placed soil support must be prevented to ensure that the structure maintains its load capacity.





Contech Engineered Solutions provides site solutions for the civil engineering industry. Contech's portfolio includes bridges, drainage, retaining walls, sanitary sewer, stormwater, erosion control and soil stabilization products.

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# NOTES

## GENERAL NOTES:

- THIS BRIDGE HAS BEEN DESIGNED FOR GENERAL SITE CONDITIONS. THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR THE STRUCTURE'S SUITABILITY TO THE EXISTING SITE CONDITIONS AND FOR THE HYDRAULIC EVALUATION -- INCLUDING SCOUR AND CONFIRMATION OF SOIL CONDITIONS.
- PRIOR TO CONSTRUCTION, CONTRACTOR MUST VERIFY ALL ELEVATIONS SHOWN THROUGH THE ENGINEER.
- ONLY CONTECH ENGINEERED SOLUTIONS LLC, THE CON/SPAN® APPROVED PRECASTER IN ILLINOIS MAY PROVIDE THE STRUCTURE DESIGNED IN ACCORDANCE WITH THESE PLANS.
- THE USE OF ANOTHER PRECAST STRUCTURE WITH THE DESIGN ASSUMPTIONS USED FOR THE CON/SPAN® STRUCTURE MAY LEAD TO SERIOUS DESIGN ERRORS. USE OF ANY OTHER PRECAST STRUCTURE WITH THIS DESIGN AND DRAWINGS VOIDS ANY CERTIFICATION OF THIS DESIGN AND WARRANTY. KIM CIMAROLLI ASSUMES NO LIABILITY FOR DESIGN OF ANY ALTERNATE OR SIMILAR TYPE STRUCTURES.
- ALTERNATE STRUCTURES MAY BE CONSIDERED, PROVIDED THAT DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF ILLINOIS, EMPLOYED BY THE PRECAST CONCRETE BRIDGE SUPPLIER, ARE SUBMITTED TO THE ENGINEER 2 WEEKS PRIOR TO THE BID DATE FOR REVIEW AND APPROVAL.
- ALTERNATE STRUCTURES MAY BE CONSIDERED, PROVIDED THAT THE ALTERNATE DESIGN DOES NOT REDUCE THE HYDRAULIC OPENING OF THE STRUCTURE AS SHOWN ON THE DRAWINGS. AT A MINIMUM THE ALTERNATE STRUCTURE MUST PROVIDE THE SAME OR LARGER SPAN AND RISE AS THE STRUCTURE SHOWN ON THE DRAWINGS.
- THE PRECAST ARCH SUPPLIER MUST ATTEND THE PRE-BID MEETING, IF ONE IS HELD.
- SUPPLIER OF PROPOSED ALTERNATES TO A CON/SPAN® BRIDGE SYSTEM MUST SUBMIT AT LEAST TWO (2) INDEPENDENTLY VERIFIED FULL SCALE LOAD TESTS THAT CONFIRM THE PROPOSED DESIGN METHODOLOGY OF THE THREE SIDED/ARCH STRUCTURE(S). THE PROPOSED ALTERNATE, UPON SATISFACTORY CONFIRMATION OF DESIGN METHODOLOGY, MAY BE CONSIDERED AN ACCEPTABLE ALTERNATE.
- PROPOSED ALTERNATE STRUCTURES MAY BE CONSIDERED, PROVIDED THAT THE PRECAST CONCRETE BRIDGE STRUCTURES ARE PROVIDED BY A SUPPLIER THAT HAS A MINIMUM OF TWO (2) REGISTERED PROFESSIONAL ENGINEERS ON STAFF THAT ARE DEDICATED TO THE DESIGN OF THESE TYPES OF STRUCTURES. SUPPLIER MUST PROVIDE THESE NAMES, P.E. LICENSE NUMBERS AND DATES OF HIRE AT TIME OF ALTERNATE SUBMITTAL.

## DESIGN DATA

### DESIGN LOADING:

BRIDGE UNITS: HL-93

HEADWALLS: EARTH PRESSURE + LIVE LOAD SURCHARGE

WINGWALLS: EARTH PRESSURE + LIVE LOAD SURCHARGE

DESIGN FILL HEIGHT: 3'-0" TO 4'-0"

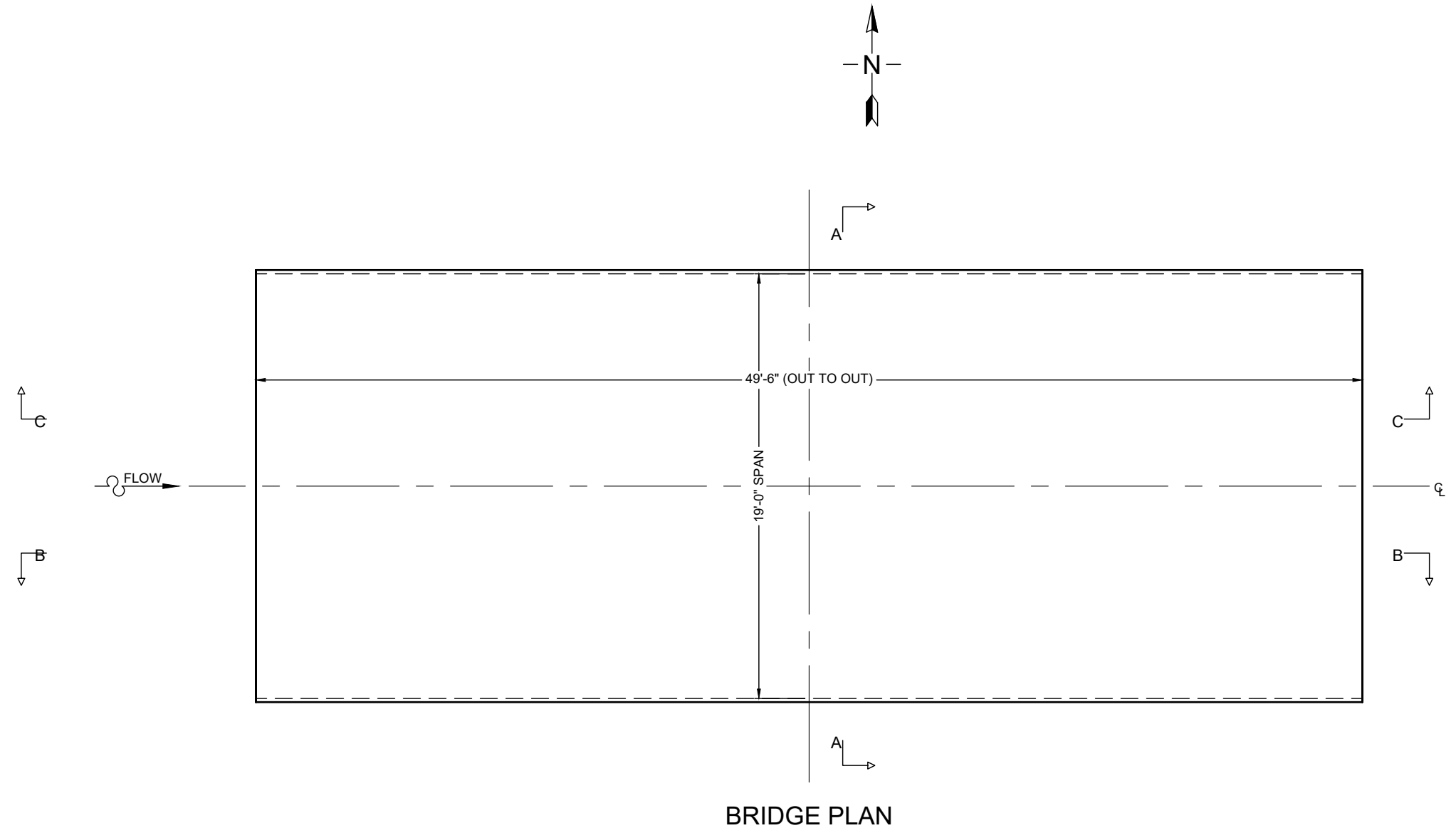
FROM TOP OF CROWN TO TOP OF PAVEMENT.

DESIGN METHOD: LOAD RESISTANCE FACTOR DESIGN PER AASHTO LRFD SPECIFICATION

ASSUMED NOMINAL BEARING RESISTANCE: 4000 PSF

ASSUMED FACTORED BEARING RESISTANCE: 4000 PSF

\*AT THE TIME OF DESIGN, A GEOTECHNICAL REPORT FOR THE PROJECT SITE WAS NOT AVAILABLE. IT IS THE PROJECT ENGINEER'S, OWNER'S AND/OR THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE ACTUAL SITE CONDITIONS AT THE TIME OF CONSTRUCTION ARE CONSISTENT WITH THE ASSUMED ALLOWABLE SOIL BEARING PRESSURE WITH A GEOTECHNICAL INVESTIGATION FROM A QUALIFIED GEOTECHNICAL ENGINEER.



BRIDGE PLAN

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PROPOSAL DRAWING

ALSP UNDERPASS 19'-0" X 17'-3"  
KICKAPOO CREEK ROAD

PEORIA, IL

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
DESIGNED: MJD	DRAWN: MJD	
CHECKED:	APPROVED:	
SHEET NO.: 1 OF 10		

# II - ALUMINUM BOX CULVERT

## 1.0 GENERAL

1.1 Manufacturer shall fabricate the aluminum box culvert as shown on the plans. Fabrication shall conform to the requirements of ASTM B-864 and shall consist of plates, ribs, and appurtenant items.

Plate thickness, rib spacing, end treatment and type of invert and foundation shall be as indicated on the plans. All manufacturing processes including corrugating, punching, curving and required galvanizing shall be performed within the United States of America.

1.2 The contractor shall verify all field dimensions and conditions prior to ordering materials.

## 2.0 DIMENSIONS

Span: 19'-0"      Rise: 17'-3"  
 Haunch Gage: 0.15"      Crown Gage: 0.15"  
 Haunch Rib Type: N/A      Crown Rib Type: IV  
 Haunch Rib Spacing: N/A      Crown Rib Spacing: 27"

2.1 The proposed structure shall be an ALUMINUM BOX CULVERT with the following dimensions:

2.2 All plan dimensions on the contract drawings are measured in a true horizontal plan unless otherwise noted.

## 3.0 ASSEMBLY AND INSTALLATION

3.1 Bolts and nuts shall conform to the requirements of ASTM A-307 or ASTM A-449. The box culvert shall be assembled in accordance with the plate layout drawings provided by the manufacturer and per the manufacturer's recommendations.

Bolts shall be tightened using an applied torque of between 100 and 150 ft.-lbs.

3.2 The box culvert shall be installed in accordance with the plans and specifications, the manufacturer's recommendations, and AASHTO Standard Specification for Highway Bridges - Section 26 Division II - Construction.

3.3 Trench excavation shall be made in embankment material that is structurally adequate. The trench width shall be shown on the plans. Poor quality in situ embankment material must be removed and replaced with suitable backfill as directed by the Engineer.

3.4 Bedding preparation is critical to both structure performance and service life. The bed should be constructed to uniform line and grade to avoid distortions that may create undesirable stresses in the structure and/or rapid deterioration of the roadway. The bed should be free of rock formations, protruding stones, frozen lumps, roots, and other foreign matter that may cause unequal settlement.

3.5 Bedding shall provide a minimum of 4,000 psf bearing capacity. Foundation details for bearing capacity less than 4,000 psf shall be approved by the Engineer.

3.6 The structure shall be assembled in accordance with the Manufacturer's instructions. All plates shall be unloading and handled with reasonable care. Plates shall not be rolled or dragged over gravel rock and shall be prevented from striking rock or other hard objects during placement in trench or on bedding.

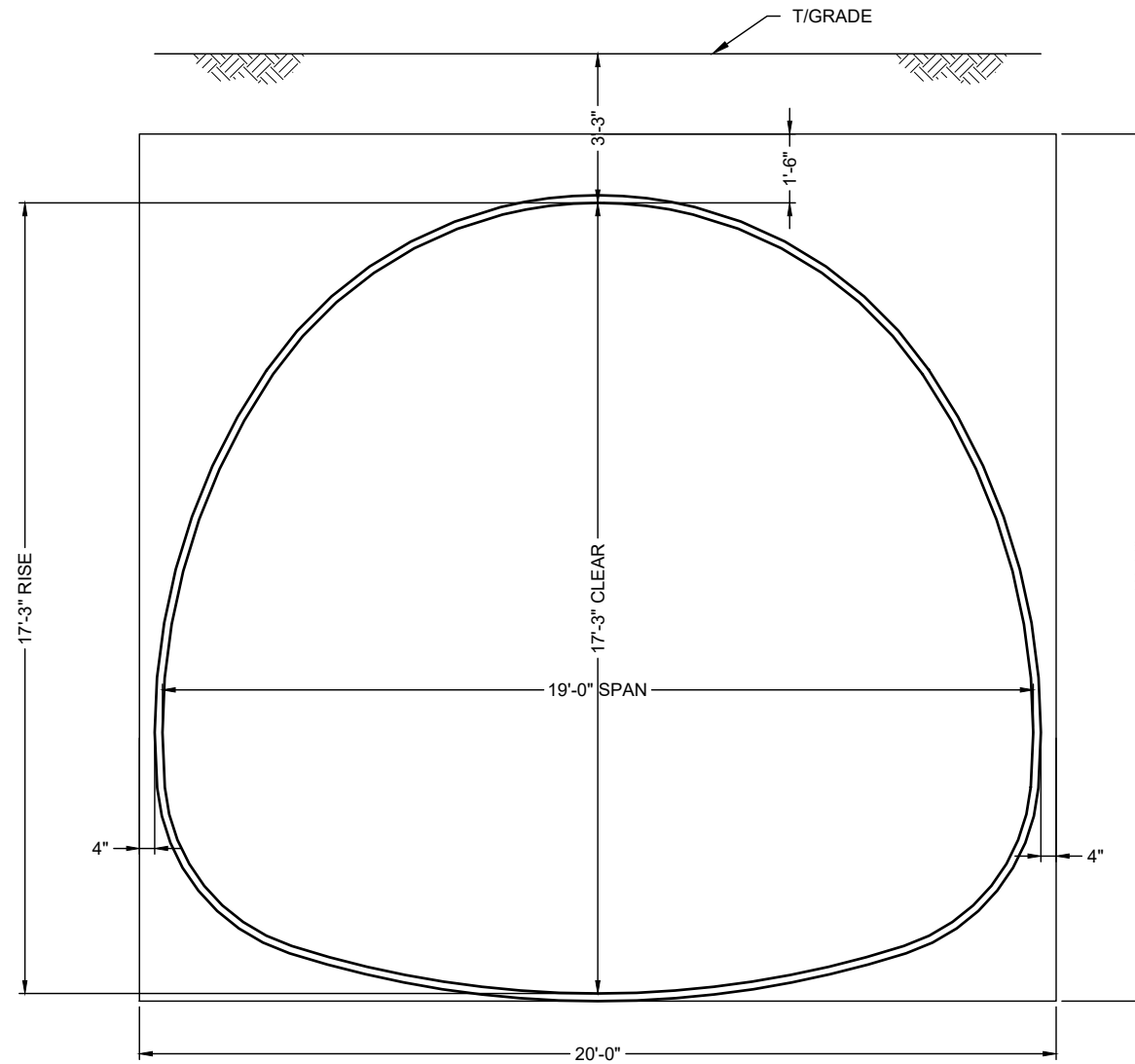
When installed on a full invert or on flexible footing pads, assembly of the invert or footing pads shall start at the downstream end. Circumferential seam laps shall shingle over the top of the downstream plates as assembly progresses upstream. Whether the box culvert is installed on a concrete footing, full metal invert, or flexible footing pad, assembly of the structure shell shall start at the upstream end. Downstream rings of plates shall be assembled outside of the upstream rings. (Circumferential seams are shingled downstream when viewed from the inside of the shell).

3.7 The structure shall be backfilled using clean well graded granular material that meets the requirements for soil classifications A-1, A-2-4, A-2-5 or A-3 modified to be more select than AASHTO M-145. See the information at the right of this sheet.

Backfill must be placed symmetrically on each side of the structure in 6 to 8 inch loose lifts. Each lift shall be compacted to a minimum of 90 percent density per AASHTO T-180

3.8 Construction loads that exceed highway load limits are not allowed to cross the structure without approval from the Engineer.

Normal highway traffic is not allowed to cross the structure until the structure has been backfilled and paved. If the road is unpaved, cover allowance to accommodate rutting shall be as directed by the Engineer.



**CROSS SECTION A-A**

Approximate Area: 265 sq. ft. used, 265 sq. ft. total

**NOTES**

- MEASUREMENTS ARE TO THE INSIDE CRESTS OF THE CORRUGATION
- DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES

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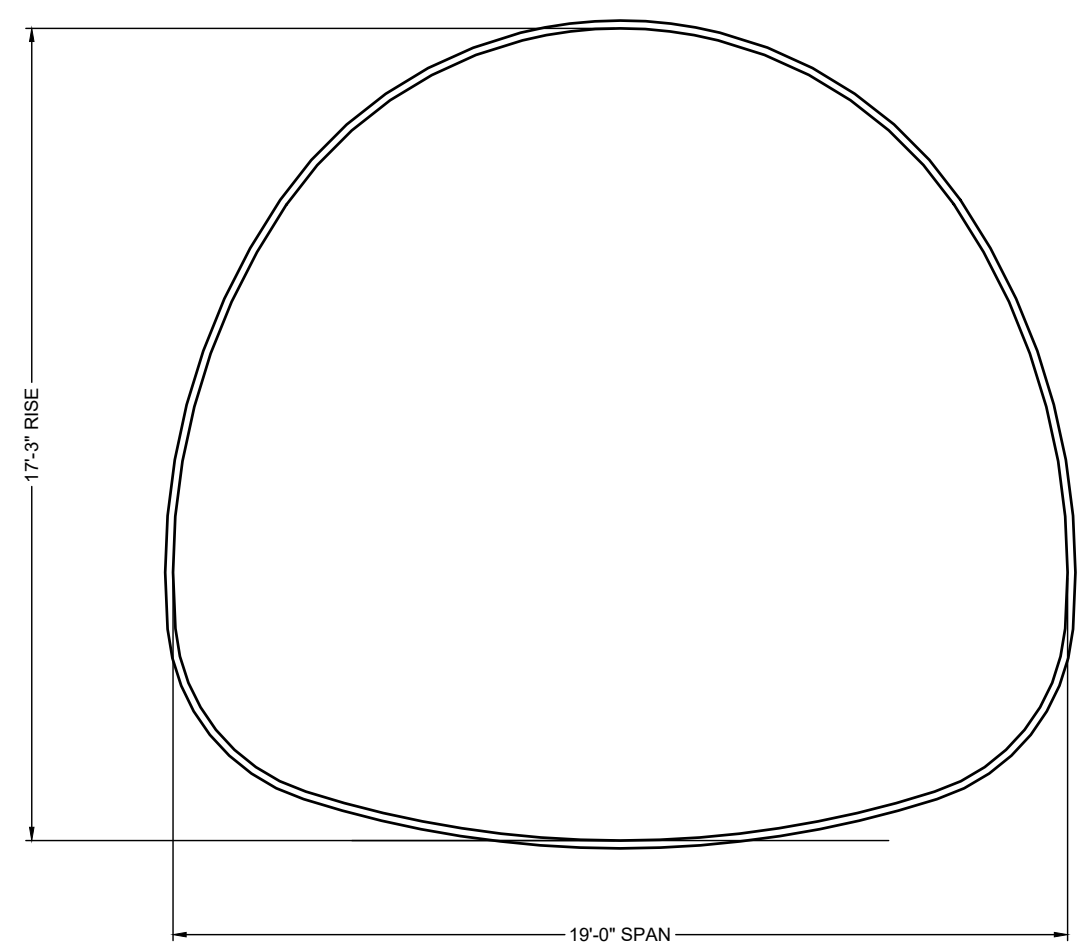
**PROPOSAL**  
DRAWING

**ALSP UNDERPASS 19'-0" X 17'-3"**  
**KICKAPOO CREEK ROAD**

**PEORIA, IL**

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
DESIGNED: MJD	DRAWN: MJD	
CHECKED:	APPROVED:	
SHEET NO.: 2 OF 10		

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INLET END ELEVATION

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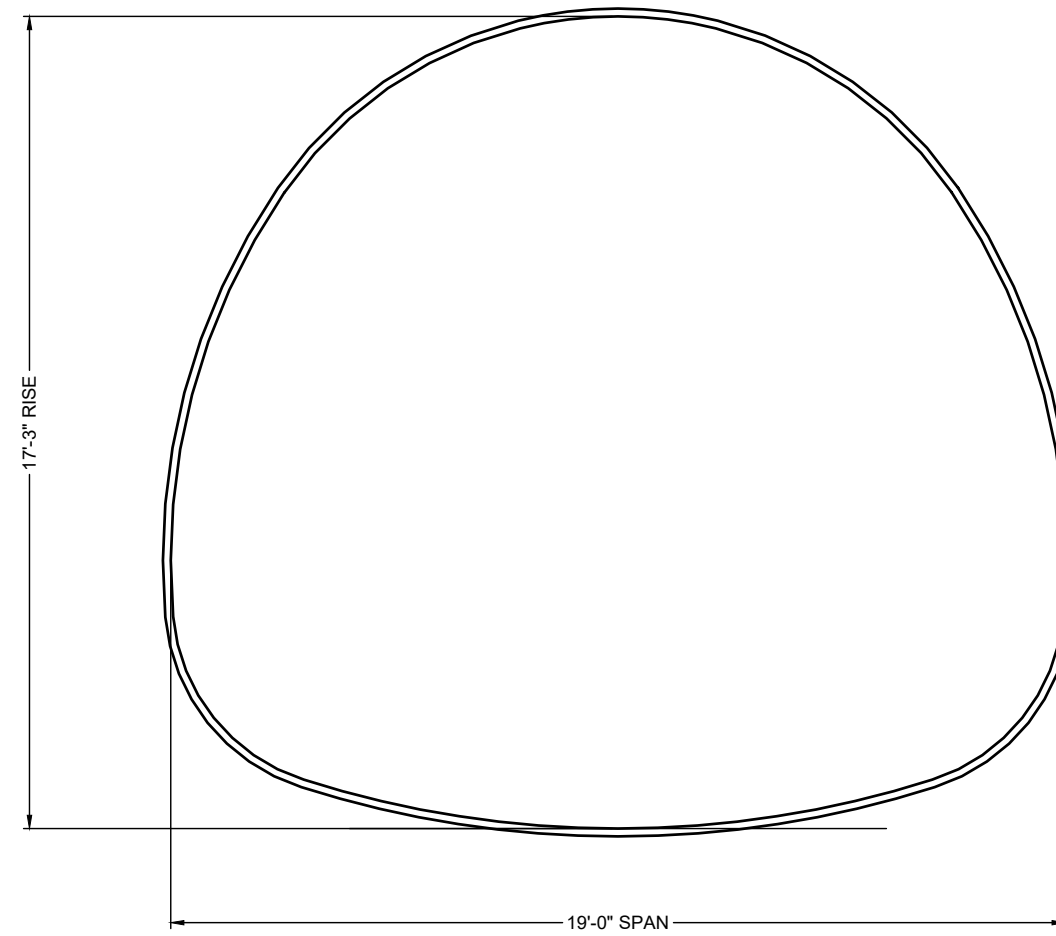
**CONTECH**  
STRUCTURAL PLATE

**PROPOSAL**  
DRAWING

ALSP UNDERPASS 19'-0" X 17'-3"  
KICKAPOO CREEK ROAD  
PEORIA, IL

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
DESIGNED: MJD	DRAWN: MJD	
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OUTLET END ELEVATION

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**CONTECH**  
STRUCTURAL PLATE

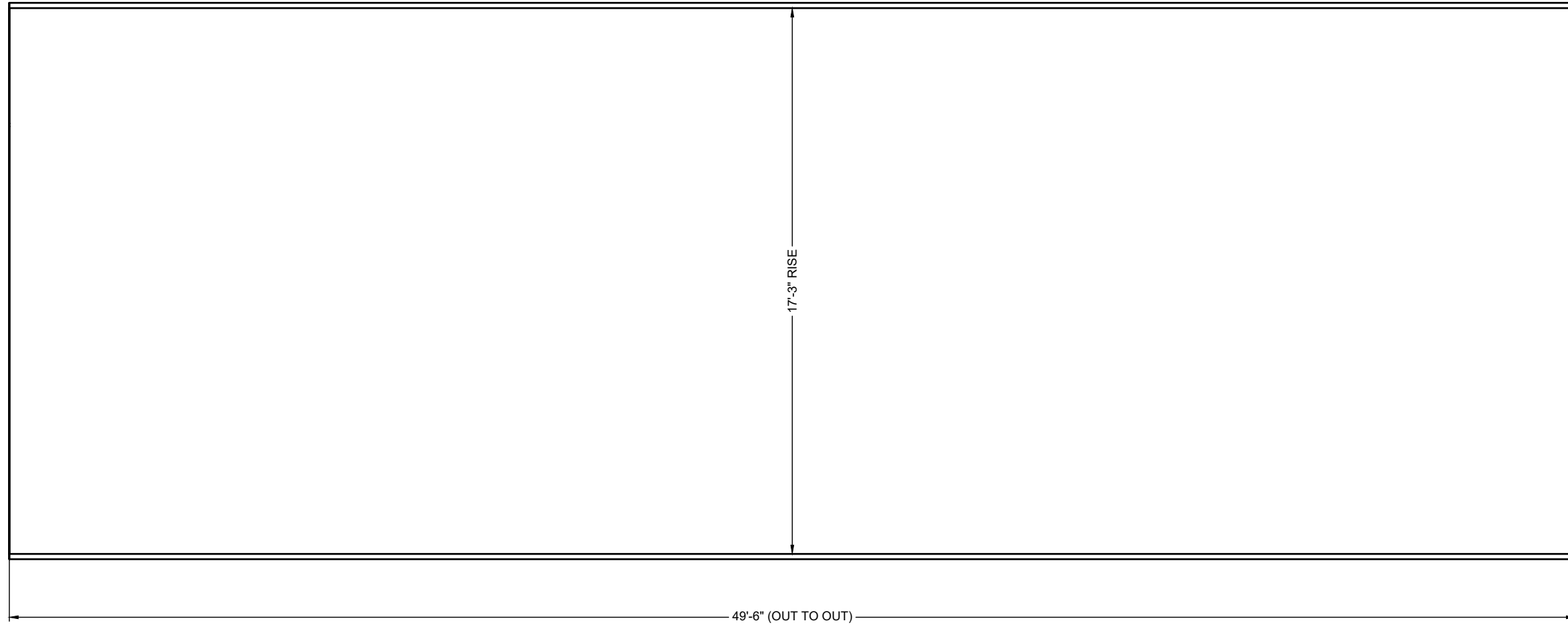
**PROPOSAL**  
DRAWING

ALSP UNDERPASS 19'-0" X 17'-3"  
KICKAPOO CREEK ROAD  
PEORIA, IL

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
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PROFILE SECTION B-B

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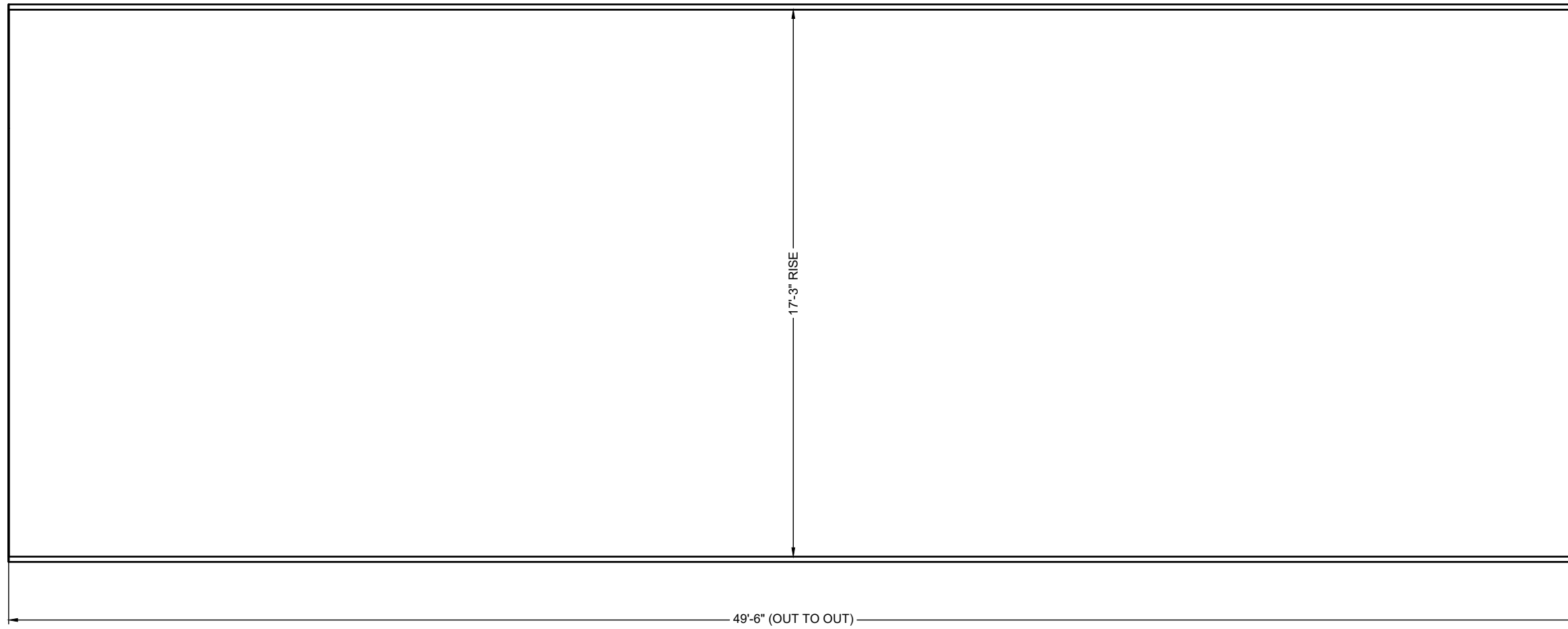
**CONTECH**  
STRUCTURAL PLATE

**PROPOSAL**  
DRAWING

ALSP UNDERPASS 19'-0" X 17'-3"  
KICKAPOO CREEK ROAD  
PEORIA, IL

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
DESIGNED: MJD	DRAWN: MJD	
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PROFILE SECTION C-C

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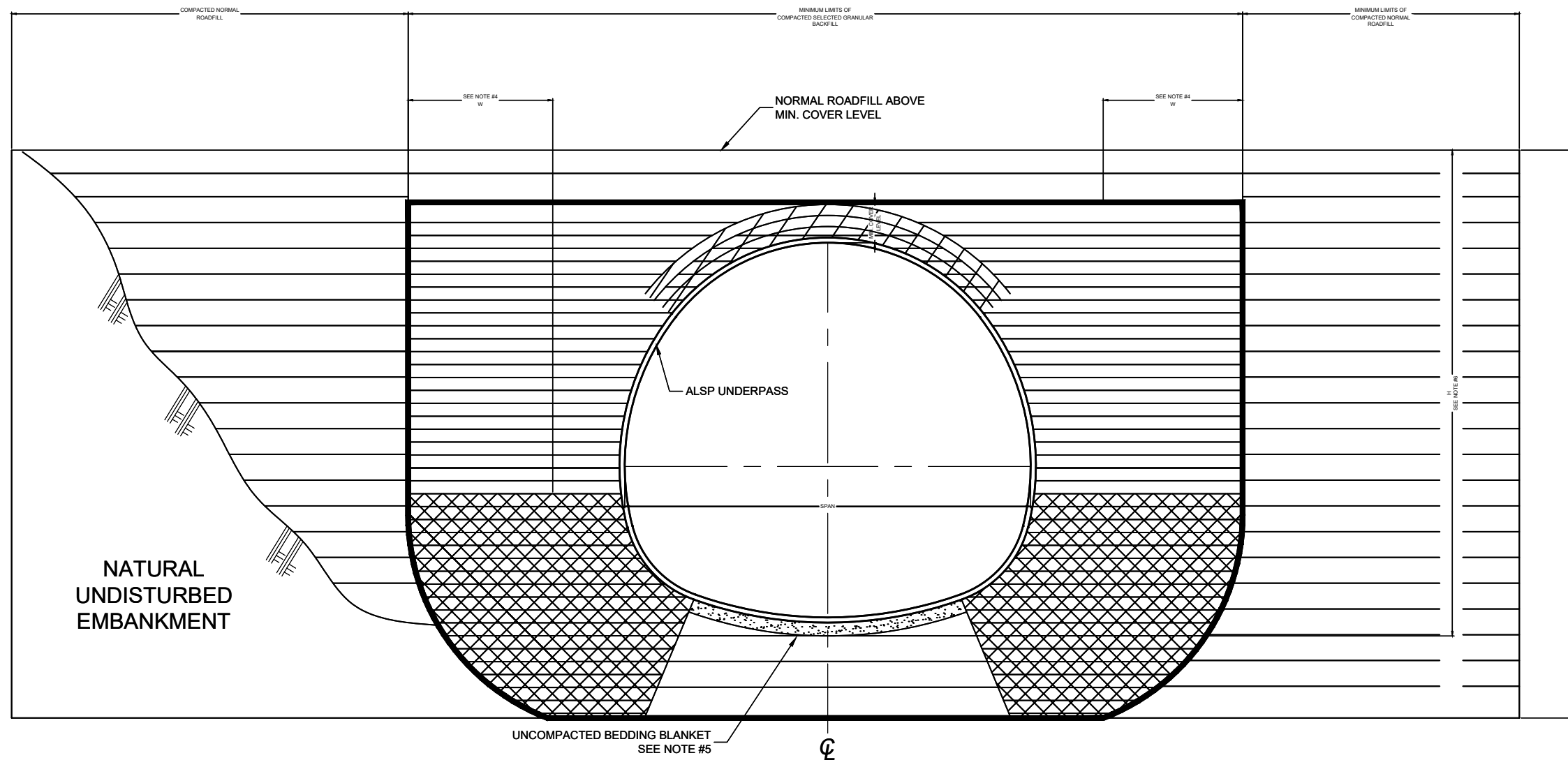
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**CONTECH**  
STRUCTURAL PLATE




PROPOSAL  
DRAWING

ALSP UNDERPASS 19'-0" X 17'-3"  
KICKAPOO CREEK ROAD  
  
PEORIA, IL

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
DESIGNED: MJD	DRAWN: MJD	
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SHEET NO.: 7 OF 10		



# SECTION

-  CRITICAL BACKFILL ZONE, PRESSURE ON SOIL GREATEST HERE.
-  SELECT GRANULAR STRUCTURAL BACKFILL LIMITS.
-  INITIAL LIFTS OVER CROWN OF STRUCTURE AS INDICATED BY SHADED AREA TO BE COMPACTED TO REQUIRED DENSITY WITH HAND OPERATED EQUIPMENT OR WITH SMALL TRACTOR (D-4 OR SMALLER) DRAWN EQUIPMENT.

**NOTES:**

1. ALL SELECT GRANULAR BACKFILL TO BE PLACED IN A BALANCED FASHION IN THIN LIFTS (6"-8" LOOSE TYPICALLY) AND COMPACTED TO 90 PERCENT DENSITY PER AASHTO T-99.
2. COMPLETE AND REGULAR MONITORING OF THE ALSP UNDERPASS IS NECESSARY DURING ALL BACKFILLING STEPS.
3. PREVENT EXCESSIVE DISTORTION OF SHAPE AS NECESSARY BY VARYING COMPACTION METHODS AND EQUIPMENT.
4. TRENCH WIDTH AND / OR SELECT FILL ENVELOPE WIDTH SHALL BE BY DIRECTION OF THE ENGINEER OF RECORD. A TYPICAL WIDTH OF 4 FEET IS DEPICTED, BUT GREATER OR LESSER DISTANCE MAY BE REQUIRED DEPENDING UPON SITE-SPECIFIC CONDITIONS. THIS WIDTH DEPENDS ON FACTORS SUCH AS THE LATERAL PRESSURES EXERTED BY THE STRUCTURE ONTO THE ADJACENT SOIL FOR THE GIVEN LOADING CONDITIONS, THE STRUCTURE SHAPE, THE QUALITY OF THE SELECT FILL MATERIAL AND THE STRENGTH OF THE IN SITU EMBANKMENT / TRENCH MATERIAL. THESE FACTORS MUST BE EVALUATED BY THE PROJECT ENGINEER FOR EACH SPECIFIC SITUATION.
5. SHAPED BED FOR A MINIMUM WIDTH OF SPAN/2. MINIMUM BEDDING THICKNESS IS 6 INCHES.
6. H = BEDDING DEPTH + STRUCTURE RISE + COVER.

**ADDITIONAL BACKFILL NOTES:**

SATISFACTORY BACKFILL MATERIAL, PROPER PLACEMENT, AND COMPACTION ARE KEY FACTORS IN OBTAINING MAXIMUM STRENGTH AND STABILITY.

THE BACKFILL MATERIAL SHOULD BE FREE OF ROCKS, FROZEN LUMPS, AND FOREIGN MATERIAL THAT COULD CAUSE HARD SPOTS OR DECOMPOSE TO CREATE VOIDS. BACKFILL MATERIAL SHOULD BE WELL GRADED GRANULAR MATERIAL THAT MEETS THE REQUIREMENTS OF AASHTO M-145 FOR SOIL CLASSIFICATIONS A-1, A-2, A-3. BACKFILL MUST BE REPLACED SYMMETRICALLY ON EACH SIDE OF THE STRUCTURE IN 6" LOOSE LIFTS. EACH LIFT IS TO BE COMPACTED TO A MINIMUM OF 90% DENSITY PER AASHTO T-180.

A HIGH PERCENTAGE OF SILT OR FINE SAND IN THE NATIVE SOILS SUGGESTS THE NEED FOR A WELL GRADED GRANULAR BACKFILL MATERIAL TO PREVENT SOIL MIGRATION.

DURING BACKFILL, ONLY SMALL TRACKED VEHICLES (D-4 OR SMALLER) SHOULD BE NEAR THE STRUCTURE AS FILL PROGRESSES ABOVE THE CROWN AND TO THE FINISHED GRADE. THE ENGINEER AND CONTRACTOR ARE CAUTIONED THAT THE MINIMUM COVER MAY NEED TO BE INCREASED TO HANDLE TEMPORARY CONSTRUCTION VEHICLE LOADS. (LARGER THAN D-4)

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**PROPOSAL**  
DRAWING

ALSP UNDERPASS 19'-0" X 17'-3"  
KICKAPOO CREEK ROAD  
PEORIA, IL

PROJECT No.: 632567	SEQ. No.: 001	DATE: 3/19/2020
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SHEET NO.: 8 OF 10		

Municipality	<b>L O C A L  A G E N C Y</b>	<b>Preliminary Engineering Services Agreement For Motor Fuel Tax Funds  Supplement 2</b>	<b>C O N S U L T A N T</b>	Name Hanson Professional Services Inc
Township Limestone				Address 7625 N. University Street, Suite 200
County Peoria				City Peoria
Section 16-00006-00-BR				State IL

THIS AGREEMENT is made and entered into this 14th day of May, 2020 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION. Motor Fuel Tax Funds, allotted to the LA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT", will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

### Section Description

Name Kickapoo Creek Road (C.H. R51) Bridge Replacement

Route FAU 6576 Length \_\_\_\_\_ Mi. \_\_\_\_\_ FT (Structure No. 072-3095 )

Termini 300 ft. northwest of structure to 500 ft. southeast of structure

Description: Removal and replacement of Structure Number 072-3095 on Kickapoo Creek Road.

### Agreement Provisions

#### The Engineer Agrees,

1. To perform or be responsible for the performance of the following engineering services for the LA, in connection with the proposed improvements herein before described, and checked below:
  - a.  Make such detailed surveys as are necessary for the preparation of detailed roadway plans
  - b.  Make stream and flood plain hydraulic surveys and gather high water data, and flood histories for the preparation of detailed bridge plans.
  - c.  Make or cause to be made such soil surveys or subsurface investigations including borings and soil profiles and analyses thereof as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations are to be made in accordance with the current requirements of the DEPARTMENT.
  - d.  Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
  - e.  Prepare Army Corps of Engineers Permit, Department of Natural Resources-Office of Water Resources Permit, Bridge waterway sketch, and/or Channel Change sketch, Utility plan and locations, and Railroad Crossing work agreements.
  - f.  Prepare Preliminary Bridge design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.
  - g.  Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the plans, special provisions, proposals and estimates. Additional copies of any or all documents, if required, shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.
  - h.  Furnish the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction easement and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

Note: Four copies to be submitted to the Regional Engineer

- i.  Assist the LA in the tabulation and interpretation of the contractors' proposals
- j.  Prepare the necessary environmental documents in accordance with the procedures adopted by the DEPARTMENT's Bureau of Local Roads & Streets.
- k.  Prepare the Project Development Report when required by the DEPARTMENT.
- k.  **See Attachment A.**

- (2) That all reports, plans, plats and special provisions to be furnished by the ENGINEER pursuant to the AGREEMENT, will be in accordance with current standard specifications and policies of the DEPARTMENT. It is being understood that all such reports, plats, plans and drafts shall, before being finally accepted, be subject to approval by the LA and the DEPARTMENT.
- (3) To attend conferences at any reasonable time when requested to do so by representatives of the LA or the Department.
- (4) In the event plans or surveys are found to be in error during construction of the SECTION and revisions of the plans or survey corrections are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the Contractor.
- (5) That basic survey notes and sketches, charts, computations and other data prepared or obtained by the Engineer pursuant to this AGREEMENT will be made available, upon request, to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
- (6) That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.

**The LA Agrees,**

- 1. To pay the ENGINEER as compensation for all services performed as stipulated in paragraphs 1a, 1g, 1i, 2, 3, 5 and 6 in accordance with one of the following methods indicated by a check mark:
  - a.  A sum of money equal to \_\_\_\_\_ percent of the awarded contract cost of the proposed improvement as approved by the DEPARTMENT.
  - b.  A sum of money equal to the percent of the awarded contract cost for the proposed improvement as approved by the DEPARTMENT based on the following schedule:

Schedule for Percentages Based on Awarded Contract Cost

Awarded Cost Under \$50,000	Percentage Fees	(see note)
		%
		%
		%
		%
		%
		%

Note: Not necessarily a percentage. Could use per diem, cost-plus or lump sum.

- c.  **See Attachment B**

- 2. To pay for services stipulated in paragraphs 1b, 1c, 1d, 1e, 1f, 1h, 1j & 1k of the ENGINEER AGREES at actual cost of performing such work plus \_\_\_\_\_ percent to cover profit, overhead and readiness to serve - "actual cost" being defined

**as salary cost.** Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under the paragraph 1b, 1c, 1d, 1e, 1f, 1h, 1j & 1k. If the ENGINEER sublets all or part of this work, the LA will pay the cost to the ENGINEER plus a five (5) percent service charge.

"Cost to Engineer" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work. The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm, including the Principal Engineer, perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the work performed.

3. That payments due the ENGINEER for services rendered in accordance with this AGREEMENT will be made as soon as practicable after the services have been performed in accordance with the following schedule:
  - a. Upon completion of detailed plans, special provisions, proposals and estimate of cost - being the work required by paragraphs 1a through 1g under THE ENGINEER AGREES - to the satisfaction of the LA and their approval by the DEPARTMENT, 90 percent of the total fee due under this AGREEMENT based on the approved estimate of cost.
  - b. Upon award of the contract for the improvement by the LA and its approval by the DEPARTMENT, 100 percent of the total fee due under the AGREEMENT based on the awarded contract cost, less any amounts paid under "a" above.

By Mutual agreement, partial payments, not to exceed 90 percent of the amount earned, may be made from time to time as the work progresses.

4. That, should the improvement be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1a, through 1h and prior to the completion of such services, the LA shall reimburse the ENGINEER for his actual costs plus 200 percent incurred up to the time he is notified in writing of such abandonment - "actual cost" being defined as in paragraph 2 of THE LA AGREES.
5. That, should the LA require changes in any of the detailed plans, specifications or estimates except for those required pursuant to paragraph 4 of THE ENGINEER AGREES, after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes on the basis of actual cost plus 200 percent to cover profit, overhead and readiness to serve - "actual cost" being defined as in paragraph 2 of THE LA AGREES. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of plans and specifications.

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#### **It is Mutually Agreed,**

1. That any difference between the ENGINEER and the LA concerning their interpretation of the provisions of this Agreement shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all surveys, permits, agreements, preliminary bridge design & hydraulic report, drawings, specifications, partial and completed estimates and data, if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.
3. That if the contract for construction has not been awarded one year after the acceptance of the plans by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under this AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT.
4. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract, and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this contract. For Breach or violation of this warranty the LA shall have the right to annul this contract without liability.



5. That the attached General Conditions (C/S) Rev. 7 are included in and made a part of this Agreement.

IN WITNESS WHEREOF, the parties have caused the AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized officers.

Executed by the LA:

Peoria County \_\_\_\_\_ of the  
(Municipality/Township/County)

ATTEST:

State of Illinois, acting by and through its

By \_\_\_\_\_

By \_\_\_\_\_

Clerk

Title County Administrator

(Seal)

Executed by the ENGINEER:

Hanson Professional Services Inc.

7625 N. University Street, Suite 200

ATTEST:

Peoria, IL 61614

By \_\_\_\_\_

By \_\_\_\_\_

Title Associate

Title Vice President

<b>Approved</b>
_____ Date
Department of Transportation
_____ Regional Engineer

---

## General Conditions

Hanson Agreement: C16L0567

Agreement Date: March 9, 2017

Project Name: Kickapoo Creek Road Bridge Replacement

**1. Invoices:** Charges for services will be billed at least as frequently as monthly, and at the completion of the Project. CLIENT shall compensate HANSON for any sales or value added taxes which apply to the services rendered under this agreement or any addendum thereto. CLIENT shall reimburse HANSON for the amount of such taxes in addition to the compensation due for services. Payment of invoices shall not be subject to any discounts or set-offs by the CLIENT unless agreed to in writing by HANSON. Invoices are delinquent if payment has not been received within ~~30~~60 days from date of invoice. There will be an additional charge of 1 1/2 percent per month compounded on amounts outstanding more than ~~30~~60 days. All time spent and expenses incurred (including attorney's fees) in connection with collection of any delinquent amount will be paid by CLIENT to HANSON per HANSON's current fee schedules.

**2. Termination:** This Agreement may be terminated by either party upon written notice. Any termination shall only be for good cause such as legal, unavailability of adequate financing or major changes in the scope of services. In the event of any termination, HANSON will be paid for all services and expenses rendered to the date of termination on a basis of payroll cost times a multiplier of 3.0 (if not previously provided for) plus reimbursable expenses, ~~plus reasonable termination expenses, including the cost of completing analyses, records, and reports necessary to document job status at the time of termination.~~ Notwithstanding the foregoing, the amount paid for services and expenses rendered prior to termination shall not exceed the total estimated cost of the Contract.

**3. Reuse of Documents:** All documents including reports, drawings, specifications, and electronic media furnished by HANSON pursuant to this Agreement are instruments of its services. They are not intended or represented to be suitable for reuse by CLIENT or others on extensions of this project, or on any other project. Any reuse without specific written verification or adaptation by HANSON will be at CLIENT's sole risk, and without liability to HANSON, and ~~CLIENT shall indemnify and hold~~

~~harmless HANSON from all claims, damages, losses and expenses including court costs and attorney's fees arising out of or resulting therefrom.~~ Any such verification or adaptation will entitle HANSON to further compensation at rates to be agreed upon by CLIENT and HANSON.

**4. Standard of Care:** Services performed by HANSON under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other representation expressed or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinion, document or otherwise. Nothing in this Agreement is intended to create, nor shall it be construed to create, a fiduciary duty owed by either party to the other party. Hanson is not acting as a municipal advisor to CLIENT as defined by the Securities and Exchange Commission.

**5. General Liability Insurance and Limitation:** HANSON is covered by general liability insurance for bodily injury and property damage arising directly from its negligent acts or omissions, with limits which HANSON considers reasonable. Certificates of insurance shall be provided to CLIENT upon request in writing. HANSON shall not be responsible for any loss, damage or liability beyond the amounts, limits and conditions of such insurance. HANSON shall not be responsible for any loss, damage or liability arising from any act or omission by CLIENT, its agents, staff, other consultants, independent contractors, third parties or others working on the Project over which HANSON has no supervision or control.

**6. Suspension of Services:** If CLIENT fails to make payments when due or otherwise is in breach of this Agreement, HANSON may suspend performance of services upon five (5) calendar days' notice to CLIENT. HANSON shall have no liability whatsoever to CLIENT, and CLIENT agrees to make no claim for any delay or damage as a result of such suspension.

**7. Consequential Damages:** Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither CLIENT nor HANSON, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for incidental, indirect, or consequential damages arising out of or connected in any way to this Project or this Agreement. This mutual waiver of consequential damages shall include, but not be limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation and any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict and implied warranty. Both CLIENT and HANSON shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in the Project.

**8. Contingency Fund:** The Client and Hanson acknowledge that changes may be required during construction because of possible omissions, ambiguities or inconsistencies in the plans and specifications and, therefore, that the costs of the project may exceed the construction contract sum. The Client agrees to set aside a reserve in the amount of Five Percent (5%) of the actual project construction costs as a contingency reserve to be used, as required, to pay for any such increased project costs. The Client further agrees to make no claim by way of direct or third-party action against Hanson or sub-contractors and subconsultants with respect to any payments within the limit of the contingency reserve made to the construction contractors because of such changes or because of any claims made by the construction contractors relating to such changes.

**9. Additional Limitation:** In recognition of the relative risks and benefits of the Project to both the CLIENT and HANSON, the risks have been allocated such that the CLIENT agrees that for the compensation herein provided HANSON cannot expose itself to damages disproportionate to the nature and scope of HANSON's services or the compensation payable to it hereunder. Therefore, the CLIENT agrees to limit its remedies against HANSON arising from HANSON's professional acts, errors or omissions, in any action based on strict liability, breach of contract, negligence or any other cause of action, such that the total aggregate amount of the CLIENT's damages shall not exceed \$50,000 or HANSON's total net fee for services rendered on the Project, whichever is greater. This limitation pertains to HANSON and to its subcontractors and

subconsultants, and applies as a single aggregate amount to all work performed under the Agreement, including all work performed under an amendment or modification. If CLIENT desires a limit greater than that provided above, CLIENT and HANSON shall include in this Agreement the amount of such limit and the additional compensation to be paid to HANSON for assumption of such additional risk. CLIENT must notify HANSON in writing, before HANSON commences any services, of CLIENT's intention to negotiate a greater limitation of remedies against Hanson and its associated impact on services, schedules, and compensation. Absent CLIENT's written notification to the contrary, HANSON will proceed on the basis that the total remedies against HANSON is limited as set forth above.

**10. Personal Liability:** It is intended by the parties to this Agreement that HANSON's services in connection with the Project shall not subject HANSON's individual employees, officers or directors to any personal legal exposure for the risks associated with this Project. Therefore, and notwithstanding anything to the contrary contained herein, the Client agrees that as the Client's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against HANSON, a Delaware corporation, and not against any of HANSON's individual employees, officers or directors.

**11. Assignment:** Neither party to this Agreement shall transfer, sublet, or assign any rights or duties under or interest in this Agreement, including but not limited to monies that are due or monies that may become due, without the written consent of the other party. Subcontracting to subconsultants, normally contemplated by HANSON as generally accepted business practice, shall not be considered an assignment for purposes of this Agreement.

**12. Statutes of Repose and Limitation:** All legal causes of action between the parties to this Agreement shall accrue and any applicable statutes of repose or limitation shall begin to run not later than the date of Substantial Completions. If the act or failure to act complained of occurs after the date of Substantial Completion, then the date of final completion shall be used, but in no event shall any statute of repose or limitation begin to run any later than the date HANSON's services are completed or terminated.

**13. Dispute Resolution:** In an effort to resolve any conflicts that arise during the design and construction of this Project or following completion of this Project, the CLIENT and HANSON agree that all disputes

between them arising out of or relating to this Agreement or this Project shall be submitted to nonbinding mediation.

**14. Authority and Responsibility:** HANSON shall not guarantee the work of any Contractor or Subcontractor, shall have no authority to stop work, shall have no supervision or control as to the work or persons doing the work, shall not have charge of the work, and shall not be responsible for safety in, on, or about the job site or have any control of the safety or adequacy of any equipment, building component, scaffolding, supports, forms or other work aids.

**15. Right of Entry:** CLIENT shall provide for HANSON's right to enter property owned by CLIENT and/or others in order for HANSON to fulfill the scope of services for this Project. CLIENT understands that use of exploration equipment may unavoidably cause some damage, the correction of which is not the responsibility of HANSON.

**16. Utilities:** CLIENT shall be responsible for designating the location of all utility lines and subterranean structures within the property line of the Project. CLIENT agrees to waive any claim against HANSON, and to defend, indemnify and hold harmless from any claim or liability for injury or loss arising from ~~HANSON or other persons encountering utilities or other man-made objects that were not called to HANSON's attention or which were not properly located on plans furnished to HANSON.~~ CLIENT further agrees to compensate HANSON for any time or expenses incurred by HANSON in defense of any such claim, in accordance with HANSON's prevailing fee schedule and expense reimbursement policy. **Client's negligent acts or omissions in designing the location of utility lines or subterranean structures.**

**17. Job Site:** Services performed by HANSON during construction will be limited to providing assistance in quality control and to deal with questions by the CLIENT's representative concerning conformance with drawings and specifications. This activity is not to be interpreted as an inspection service, a construction supervision service, or guaranteeing the Contractor's performance. HANSON will not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs. HANSON will not be responsible for the Contractor's obligation to carry out the work in accordance with the Contract Documents. HANSON will not be considered an agent of the owner and will not have authority to direct the Contractor's work or to stop work.

**18. Opinions of Cost:** Since HANSON has no control over the cost of labor, materials or equipment or over a Contractor's method of determining prices, or over competitive bidding or market conditions, its opinions of probable Project cost or construction cost for this Project will be based solely upon its own experience with construction, but HANSON cannot and does not guarantee that proposals, bids or the construction cost will not vary from its opinions of probable costs. If the CLIENT wishes greater assurance as to the construction cost, he shall employ an independent cost estimator.

**19. Shop Drawing Review:** CLIENT agrees that HANSON's review of shop drawings, when such review is included in the scope of services, shall be solely for their conformance with HANSON's design intent and conformance with information given in the construction documents. HANSON shall not be responsible for any aspects of a shop drawing submission that affect or are affected by the means, methods, techniques, sequences and operations of construction, safety precautions and programs incidental thereto, all of which are the Contractor's responsibility. The Contractor will be responsible for lengths, dimensions, elevations, quantities and coordination of the work with other trades. CLIENT warrants that the Contractor shall be made aware of his responsibilities to review shop drawings and approve them in these respects before submitting them to HANSON.

**20. Record Drawings:** CLIENT agrees that HANSON's preparation of record drawings, when such preparation is included in the scope of services and such preparation is based on information furnished by the Contractor and/or other third parties, will be made under the assumption that all furnished information is reliable and that HANSON cannot and does not warrant the accuracy of the furnished information. In the event that the scope of services additionally provides for HANSON to conduct surveys, investigations, and field measurements to collect or verify the information needed for the record drawings, HANSON will conduct such services with the standard of care as set forth in these General Conditions

**21. Confidentiality:** Each party shall retain as confidential, all information and data furnished to it by the other party which are designated in writing by such other party as confidential at the time of transmission, and are obtained or acquired by the receiving party in connection with this Agreement,

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and said party shall not disclose such information to any third party, **unless required to do so by law or court order.**

**22. Third Party Beneficiaries:** Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either CLIENT or HANSON. HANSON's services under this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against HANSON because of this Agreement or the performance or nonperformance of services hereunder. CLIENT and HANSON agree to require a similar provision in all contracts with contractors, subcontractors, subconsultants, vendors, and other entities involved in this Project to carry out the intent of this provision.

**23. Severability:** If any term or provision of this Agreement is held to be invalid or unenforceable under any applicable statute or rule of law, such holding shall be applied only to the provision so held, and the remainder of this Agreement shall remain in full force and effect.

**24. Survival:** Notwithstanding completion or termination of the Agreement for any reason, all rights, duties, obligations of the parties to this Agreement shall survive such completion or termination and remain in full force and effect until fulfilled.

**25. Entire Agreement:** This Agreement is the entire Agreement between the CLIENT and HANSON. It supersedes all prior communications, understandings and agreements, whether written or oral. Both parties have participated fully in the preparation and revision of this Agreement, and each party and its counsel have reviewed the final document. Any rule of contract construction regarding ambiguities being construed against the drafting party shall not apply in the interpreting of this Agreement, including any Section Headings or Captions. Amendments to this Agreement must be in writing and signed by both CLIENT and HANSON.

**26. Modification to the Agreement:** CLIENT or HANSON may, from time to time, request modifications or changes in the scope of services to be performed hereunder. Such changes, including any increase or decrease in the amount of HANSON's compensation, to which CLIENT and HANSON mutually agree shall be incorporated in this Agreement by a written amendment to the Agreement.

**27. Governing Law:** This Agreement shall be governed by and interpreted pursuant to the laws of the State of Illinois.



SUPPLEMENT NO. 2  
ATTACHMENT A: SCOPE OF SERVICES  
KICKAPOO CREEK ROAD BRIDGE REPLACEMENT  
SECTION NO. 16-00006-00-BR

Hanson Professional Services Inc. (ENGINEER) shall prepare updates to the Phase I reports and permits and final design, plans and specification for the replacement of structure number 072-3095 on Kickapoo Creek Road (County Highway R51) over a tributary to Kickapoo Creek in Limestone Township for the Peoria County Highway Department (COUNTY). The proposed improvements include replacement of the existing structure, repairing retaining walls along Kickapoo Creek and minimal approach roadway improvements. The existing structure is structurally deficient, and federal STP-Br funding has been secured for replacement.

The Project shall be designed in accordance with IDOT Bureau of Local Roads Manual Federal Funding Guidelines.

Plans will be prepared in English units (feet) using Microstation software in accordance with CAD conventions of the Illinois Department of Transportation (IDOT) in IL State Plane Coordinates (West Zone).

**SCOPE OF SERVICES:**

Due to the high bid cost for the original design and complicated construction, the design will be revised to use a Corrugated Structural Plate (CSP) Underpass Culvert system for the proposed structure. Plans will be complete for a January 2021 IDOT letting.

The Scope of Services to be provided by the ENGINEER is limited to the following:

**I. Phase I Updates**

A. Hydraulic Surveys - It is assumed that no modeling of Kickapoo Creek will be required.

B. Environmental Studies

1. Request update from IDOT for biological (includes threatened and endangered species) resources review.
2. Conduct a PESA validation for the local ROW portion of the project.
3. Conduct a bat assessment of the existing bridge prior to construction.
4. Current 404 Permit expires in March 2022 so no update will be required at this time.

C. Preliminary Structure and Retaining Wall Design

1. Assume existing retaining wall south of the structure will be left in place with minor modifications and repairs. The existing retaining wall north of the structure will be removed and replaced with a new wall similar to current design. Length of new wall to the north will be reduced by placing fill in Kickapoo Creek and restoring slopes similar to the upstream condition.
2. Preliminary Structure Design
3. Preliminary retaining wall design
4. Prepare Type, Size and Location (TS&L) drawings for the proposed structure and retaining wall.
5. Prepare preliminary opinion of probable cost for the proposed structures.
6. Revise and resubmit Preliminary Bridge Design & Hydraulic Report (including coordination with Hydraulics Staff.) for the structure and retaining wall.

D. Hydraulic Studies

1. Update Proposed Conditions Hydraulic Modeling: Coordinate with the structure designers to develop and model a proposed bridge configuration.
2. Scour Analysis: Prepare a scour analysis for the proposed structure. The analysis will identify and evaluate scour countermeasures which will include the determination of appropriate rock rip-rap to armor the stream channel.
3. Prepare & Submit an updated Hydraulic Report for submittal to IDOT for review. The updated report will replace discussion of the modeling and results of the old structure with the latest proposed structure. Exhibits to this report will include waterway information table, hydraulic report data sheets, location map, photographs, and print outs from the design software analysis. This report will also include the required documentation needed for an IDNR-OWR individual permit for floodway construction.
4. Coordination with OWR and prepare and submit an updated individual permit request. It is assumed that, like the previous submittal, work on the tributary will require an individual permit and work on the Kickapoo Creek can be covered by Statewide Permitting.

E. Roadway Geometric Study

1. Update Plan & Profile sheet to show new structure configuration
2. Update preliminary opinion of probable cost
3. Coordination with utilities
4. Update cross sections for retaining wall changes
5. Assume proposed roadway profile does not change.

F. Prepare Project Development Report (PDR) Addenda

1. Prepare report memo and exhibits
2. Submit preliminary report to COUNTY and IDOT for review.
3. Address comments and submit final PDR to IDOT for approval.

**II. Phase II Updates**

A. Final Structure Design

1. General Plan and Elevation (1 Sheet)
2. General Data (1 Sheet)
3. Abutment Bracing Design
  - a. Abutment Bracing Layout (1 Sheet)
4. Miscellaneous Design & Details (2 Sheets)
  - a. Wing wall repairs
  - b. Bridge rail and rail connection details
  - c. Headwall layout and details
5. Quantities & Estimates
6. Special Provisions
7. Prepare Submittals
8. Shop Drawing Review

B. Final Retaining Wall Design

1. General Plan and Elevation (1 Sheet)

2. General Data (1 Sheet)
  3. Typical Sections (1 Sheet)
  4. Final Retaining Wall Design
    - a. North Wall Plan and Elevation (1 Sheet)
    - b. Sections(1 Sheets)
    - c. Pile Layout and Details (2 Sheet)
  5. Miscellaneous Design & Details
    - a. Existing Wall Repair Details (1 Sheet)
    - b. Boring Logs (2 Sheets)
  6. Quantities & Estimates
  7. Special Provisions
  8. Prepare Submittals
- C. Final Roadway Design/ Construction Documents
1. Update Title Sheet (w/ Sheet Index)
  2. Update Summary of Quantities Sheets (2 Sheets)
  3. Update Schedule of Quantities (2 Sheets)
  4. Update Removals/Relocations Plan
  5. Update Plan / Profile Sheets (1" = 50' H & 1" = 5' V)
  6. Update Guardrail Layout Plan (2 Sheets)
  7. Update Erosion Control Plans
  8. Update Storm Water Pollution Prevention Plan (SWPPP)
  9. Update Cross Section Sheets (with cross-sections every 50' (min.) and at all driveways)
- D. Prefinal Plans, Specifications & Estimates (90%)
1. Update special provisions that supplement the current version of IDOT's Standard Specifications for Road and Bridge Construction for the project limits.
  2. Calculate and schedule quantities
  3. Update opinion of probable construction cost and estimate of time
  4. QC\QA Review
  5. Plot & submit prefinal PS&E to COUNTY and IDOT
- E. Final Plans, Specifications & Estimates
1. Prepare final roadway plans incorporating review comments.
  2. Prepare final special provisions
  3. Prepare disposition of comments
  4. Finalize Quantities
  5. Update opinion of probable construction cost and estimate of time
  6. QC\QA Review
  7. Plot & submit final PS&E to County and IDOT
- F. Provide project management and coordination with the COUNTY and IDOT
1. Financial & Schedule Control
  2. Coordination with COUNTY
  3. FHWA Bi-Monthly Meeting & Minutes
  4. Coordination with IDOT
  5. Coordination with Railroad
- G. The following assumptions have been made for this scope of services:
1. Construction of the project will be funded with Federal Highway Bridge funds.
  2. No utilities will be attached to the new structure. Utility relocations required to accommodate the improvement will be performed by the respective utility companies under separate contracts. The IDOT Master Structure Report indicates that telephone utilities are

- attached to the existing bridge.
3. The structure will be closed to traffic throughout construction. A signed detour route will be used to direct traffic around the project site.
  4. The new corrugated structural plate pipe culvert and retaining wall will be designed using AASHTO Load and Resistance Factor Design (LRFD) method.
- H. The following items are not included in the scope of work but could be provided as an addendum to the contract:
1. Construction observation activities
  2. Bidding assistance
  3. Utility relocation plans.
  4. Staging of the proposed improvements to maintain traffic during construction.
  5. Lighting plans and details.
  6. Land acquisition services
  7. Permitting for temporary construction activities.
  8. PSI for the local ROW portion of the project. This is not required per the local PESA.

SUPPLEMENT NO. 2  
ATTACHMENT B

Payment  
Kickapoo Creek Road Bridge Replacement  
Section No. 16-00006-00-BR  
Existing SN 072-3095

The COUNTY agrees to pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis hourly rates using the multiplier of 3.0. The additional compensation for these services shall not exceed \$31,000. The maximum compensation for the project shall not exceed \$476,000 without prior authorization from the COUNTY. Billings will be issued at least monthly and will be based upon total services completed and expenses incurred at the time of billing.

<b>Tasks</b>	<b>Total Hours</b>	<b>Average Hourly Rate</b>	<b>Labor+Overhead +Profit Costs</b>	<b>Direct Costs</b>	<b>Fee</b>
Project Management	40	\$203.66	\$8,146	\$33	\$8,179
Environmental Services	56	\$125.23	\$7,013	\$510	\$7,523
Preliminary Structure Design	52	\$185.87	\$9,665	\$0	\$9,665
Preliminary Retaining Wall Design	52	\$162.76	\$8,464	\$0	\$8,464
Hydraulics	102	\$138.99	\$14,177	\$0	\$14,177
Roadway Geometric Design	32	\$123.41	\$3,949	\$0	\$3,949
Project Development Report	34	\$161.94	\$5,506	\$40	\$5,546
Final Culvert Plans	68	\$172.89	\$11,757	\$0	\$11,757
Final Wall Plans	74	\$155.78	\$11,528	\$0	\$11,528
Roadway Construction Documents	40	\$129.49	\$5,180	\$0	\$5,180
Prefinal Plans, Specs & Estimates	31	\$154.59	\$4,792	\$100	\$4,892
Final Plans, Specs & Estimates	35	\$142.58	\$4,990	\$150	\$5,140
<b>Total</b>	<b>616</b>	<b>\$154.49</b>	<b>\$95,167</b>	<b>\$833</b>	<b>\$96,000</b>
<b>Remaining in Existing Contract</b>					\$65,000
<b>Supplement 2</b>					<b>\$31,000</b>



Hanson Professional Services Inc.

16L0567 - Kickapoo Creek Bridge

Multiplier

Role:

Loos

3

Totals

\$ 95,167	\$ 833	\$ 96,000	100%	\$ 200	\$ 150	\$ 233	\$ 250	\$ 154.49	616	\$ 90	\$ 94	\$ 12	\$ 131	\$ 72	\$ -	\$ 46	\$ 69	\$ 44	\$ 48	\$ -	\$ 6	\$ -
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Labor	Expenses	Total	% of Total	Other Direct Costs				Ave Hourly Rate	Total Hours	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	M/D	TVII	TVI	TIV	AV	TVI
\$	\$	\$		Printing	Postage	Travel	Other			210.00	210.00	171.54	146.61	125.46	103.32	98.52	141.06	125.88	113.91	89.70	100.47	69.78

Task #	Task Description	Labor	Expenses	Total	% of Total	Printing	Postage	Travel	Other	Ave Hourly Rate	Total Hours	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	M/D	TVII	TVI	TIV	AV	TVI	
<b>1</b>	<b>1. Project Start-up/Management</b>	<b>\$ 8,146</b>	<b>\$ 33</b>	<b>8,179</b>	<b>9%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 33</b>	<b>\$ -</b>	<b>\$ 203.66</b>	<b>40</b>	<b>36</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
1	A. Financial and Schedule Control (12 months)			2,520						\$ 210.00	12	12													
2	B. Coordinate with County			3,139			\$ 33			\$ 194.15	16	12		4											
3	C. Coordination with IDOT			1,680						\$ 210.00	8	8													
4	D. Coordination with Railroad			840						\$ 210.00	4	4													
5				-							-														
6				-							-														
7				-							-														
8				-							-														
9				-							-														
<b>10</b>	<b>2. Surveying</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>0%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
11				-							-														
<b>12</b>	<b>3. Environmental Tasks</b>	<b>\$ 7,013</b>	<b>\$ 510</b>	<b>7,523</b>	<b>8%</b>	<b>\$ 50</b>	<b>\$ 10</b>	<b>\$ 200</b>	<b>\$ 250</b>	<b>\$ 125.23</b>	<b>56</b>	<b>2</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	
13	A. Request Biological Resources Update			1,735						\$ 115.69	15	1		2				12							
14	B. Conduct PESA validation			3,673		\$ 50	\$ 10	\$ 100	\$ 250	\$ 130.53	25	1		2		20							2		
15	C. Conduct Bat Assessment of Existing Bridge			2,114				\$ 100		\$ 125.90	16			6				10							
16				-							-														
<b>41</b>	<b>5. Preliminary Structure Planning/Design</b>	<b>\$ 9,665</b>	<b>\$ -</b>	<b>9,665</b>	<b>10%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 185.87</b>	<b>52</b>	<b>12</b>	<b>24</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
41	A. CSP Underpass Culvert Sizing/Layout			1,092						\$ 181.96	6	2	2								2				
42	B. Headwall options and layout			630						\$ 210.00	3	1	2												
43	C. Coordination/consultation with CSP supplier			420						\$ 210.00	2		2												
44	D. Evaluate bridge railing/guardrail options			840						\$ 210.00	4	2	2												
45	E. New TS&L Drawing for Culvert			2,981						\$ 156.87	19	3	4								12				
46	F. Preliminary Estimate of Probable Cost and Time			343						\$ 171.54	2			2											
47	G. IDOT/RR Coordination and Submittals			840						\$ 210.00	4	4													
48	Staff)			420						\$ 210.00	2		2												
49	I. Geotechnical Recommendations for CSP Structure			2,100						\$ 210.00	10		10												
50				-							-														
<b>51</b>	<b>6. Preliminary Wall Planning/Design</b>	<b>\$ 8,464</b>	<b>\$ -</b>	<b>8,464</b>	<b>9%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 162.76</b>	<b>52</b>	<b>4</b>	<b>11</b>	<b>-</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
52	A. Wall Geometry			857						\$ 142.91	6				2					4					
53	B. Preliminary Wall Design			860						\$ 171.97	5		2		3										
54	C. Temp Shoring and Construction Staging Concept			1,846						\$ 184.64	10		6		4										
55	D. TS&L Drawing for Wall			3,263						\$ 148.34	22		2		4					16					
56	E. Preliminary Estimate of Probable Cost and Time			503						\$ 167.74	3		1		2										
57	F. IDOT/RR Coordination and Submittals			840						\$ 210.00	4	4													
58	G. PBDHR			293						\$ 146.61	2				2										
59				-							-														

**Totals** →

\$ 95,167 \$ 833 \$ 96,000 100% \$ 200 \$ 150 \$ 233 \$ 250 \$ 154.49 616 \$ 90 \$ 94 \$ 12 \$ 131 \$ 72 \$ - \$ 46 \$ 69 \$ 44 \$ 48 \$ - \$ 6 \$ -

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Labor Expenses Total % of Other Direct Costs Ave Hourly Total EASVIII EASVII EASVI EASV EASIV EASIII EASII M/D TVII TVI TIV AV TIII  
 \$ \$ \$ Total Printing Postage Travel Other Rate Hours 210.00 210.00 171.54 146.61 125.46 103.32 98.52 141.06 125.88 113.91 89.70 100.47 69.78

Task #	Task Description	Labor	Expenses	Total	% of Total	Printing	Postage	Travel	Other	Ave Hourly Rate	Total Hours	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	M/D	TVII	TVI	TIV	AV	TIII	
<b>60</b>	<b>7. Hydraulics</b>	<b>\$ 14,177</b>	<b>\$ -</b>	<b>14,177</b>	<b>15%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 138.99</b>	<b>102</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>38</b>	<b>52</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>
61	A. Proposed Conditions Hydraulic Modeling			-							-														
62	i. Update Proposed Model (1 Option)			1,590						\$ 132.51	12				4	8									
63	ii. Coordination with Designers (RDWY & STR)			837						\$ 139.56	6				4	2									
64	iii. Run Model & Review Results			502						\$ 125.46	4					4									
65	iv. Model Documentation			502						\$ 125.46	4					4									
66	v. Scour Analysis			795						\$ 132.51	6					2	4								
67	vii. QAQC Model			420						\$ 210.00	2		2												
68				-							-														
69	E. Coordination Meetings with IDNR/OWR & Client			-							-														
70	i. Meeting/Coordinating with IDNR/OWR			1,088						\$ 136.04	8				4	4									
71	ii. Summary Memo/Minutes from IDNR/OWR			251						\$ 125.46	2					2									
72				-							-														
73	F. Hydraulic Report			-							-														
74	i. Update Narritive			1,759						\$ 146.61	12				12										
75	ii. Update Exhibits			1,506						\$ 125.46	12					12									
76	iii. QAQC			420						\$ 210.00	2		2												
77	iv. Prepare & Submit to Client			452						\$ 112.97	4					2							2		
78				-							-														
79	G. Prepare & Submit Permit Documents			-							-														
80	i. Narritive			1,173						\$ 146.61	8				8										
81	ii. Joint Permit Application Form, Supporting Data			1,590						\$ 132.51	12				4	8									
82	iv. Permit Fee (NOT INCLUDED)			-							-														
83	v. QAQC			420						\$ 210.00	2		2												
84	vi. Prepare & Submit			452						\$ 112.97	4					2							2		
85				-							-														
86	H. Task Management & Coordination			-							-														
87	i. Task Management & Coordination			420						\$ 210.00	2		2												
				-							-														
<b>120</b>	<b>8. Roadway Geometric Design</b>	<b>\$ 3,949</b>	<b>\$ -</b>	<b>3,949</b>	<b>4%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 123.41</b>	<b>32</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>-</b>	<b>-</b>	
121	A. Update Plan & Profile Sheet			2,084						\$ 130.26	16				8						8				
122	B. Update preliminary opinion of probable cost			490						\$ 122.57	4				2		2								
123	C. Coordination with Utilities			293						\$ 146.61	2				2										
124	D. Update cross sections			1,081						\$ 108.14	10				2		8								
				-							-														
<b>145</b>	<b>10. Project Development Report (PDR)</b>	<b>\$ 5,506</b>	<b>\$ 40</b>	<b>5,546</b>	<b>6%</b>	<b>\$ -</b>	<b>\$ 40</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 161.94</b>	<b>34</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>-</b>	
146	A. Prepare Draft Report Memo and exhibits			3,077						\$ 153.86	20	8			4							4			
147	B. Submit preliminary report to County & IDOT for review			860			\$ 20			\$ 210.00	4	4													
148	C. Address comments and submit Final Report			1,609			\$ 20			\$ 158.89	10	4			2							4			
149				-							-														
<b>150</b>	<b>11. Final Culvert Plans</b>	<b>\$ 11,756</b>	<b>\$ -</b>	<b>11,756</b>	<b>12%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 172.89</b>	<b>68</b>	<b>10</b>	<b>28</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	
151	A. General Plan and Elevation (1 sheet)			2,184						\$ 181.96	12	2	6									4			
152	B. General Data (1 sheet)			882						\$ 176.35	5	1	2									2			
153	C. General Bracing Layout, Sequence and Loads (1 sheet)			2,057						\$ 158.23	13	1	4									8			
154	D. Rail Details (1 sheet)			2,687						\$ 167.94	16	2	6									8			
155	E. Railroad Retaining Wall Repairs/Misc. Details (1 sheet)			1,764						\$ 176.35	10	2	4									4			
156	F. Boring Logs (1 sheet)			-							-														
157	G. Quantities			420						\$ 210.00	2		2												
158	H. Special Provisions			420						\$ 210.00	2	1	1												
159	I. Prepare Prefinal Submittals			336						\$ 167.94	2		1									1			
160	J. Address comments and make final submittal			1,008						\$ 167.94	6	1	2									3			
161				-							-														

<b>Totals</b>		\$ 95,167	\$ 833	\$ 96,000	100%	\$ 200	\$ 150	\$ 233	\$ 250	\$ 154.49	616	\$ 90	\$ 94	\$ 12	\$ 131	\$ 72	\$ -	\$ 46	\$ 69	\$ 44	\$ 48	\$ -	\$ 6	\$ -
<a href="#">Click here for Help inserting rows</a>		Labor	Expenses	Total	% of	Other Direct Costs				Ave Hourly	Total	EASVIII	EASVII	EASVI	EASV	EASIV	EASIII	EASII	M/D	TVII	TVI	TIV	AV	THI
Task # Task Description		\$	\$	\$	Total	Printing	Postage	Travel	Other	Rate	Hours	210.00	210.00	171.54	146.61	125.46	103.32	98.52	141.06	125.88	113.91	89.70	100.47	69.78
<b>171</b>	<b>12. Final Wall Plans</b>	\$ 11,528	\$ -	11,528	12%	\$ -	\$ -	\$ -	\$ -	\$ 155.78	74	-	15	-	10	-	-	-	49	-	-	-	-	-
172	A. General Plan and Elevation (2 sheets)			1,548						\$ 154.85	10		2						8					
173	B. General Data (1 sheet)			282						\$ 141.06	2								2					
174	C. Typical Sections (1 sheet)			492						\$ 164.04	3		1						2					
175	D. North Wall Plan and Elevation (1 sheet)			2,196						\$ 146.40	15		1		2				12					
176	E. Sections (1 sheet)			564						\$ 141.06	4								4					
177	F. Pile Layout and Details (2 sheets)			774						\$ 154.85	5		1						4					
178	G. Existing Wall Repair Details (1 sheet)			2,406						\$ 150.37	16		2		2				12					
179	H. Boring Logs (2 sheets)			-							-													
180	I. Retaining Wall Design			1,216						\$ 173.78	7		3		4									
181	J. Quantities			716						\$ 143.28	5				2				3					
182	K. Special Provisions			840						\$ 210.00	4		4											
183	L. Prepare Submittals			492						\$ 164.04	3		1						2					
				-							-													
<b>191</b>	<b>13. Roadway Construction Documents</b>	\$ 5,179	\$ -	5,179	5%	\$ -	\$ -	\$ -	\$ -	\$ 129.49	40	-	2	-	16	-	-	6	-	-	16	-	-	-
192	A. Title Sheet (w/ Sheet Index)			374						\$ 124.81	3				1						2			
193	B. Summary of Quantities Sheet			407						\$ 135.71	3				2						1			
194	C. Schedule of Quantities			458						\$ 114.39	4				1		2				1			
195	D. Existing/Proposed Typical Sections			114						\$ 113.91	1										1			
196	F. Removals/Relocations Plan			374						\$ 124.81	3				1						2			
197	G. Plan / Profile Sheets (1" = 20' H & 1" = 5' V)			749						\$ 124.81	6				2						4			
198	H. Guardrail Plan			407						\$ 135.71	3				2						1			
199	I. Erosion Control Plans			521						\$ 130.26	4				2						2			
200	J. Storm Water Pollution Prevention Plan (SWPPP)			147						\$ 146.61	1				1									
201	K. Pavement Marking / Signing Plans and Details			114						\$ 113.91	1										1			
202	L. Miscellaneous details			114						\$ 113.91	1										1			
203	M. Cross Section Sheets			1,401						\$ 140.05	10		2		4			4						
				-							-													
<b>211</b>	<b>14. Pre-Final Plans, Specifications and Estimates (90%)</b>	\$ 4,792	\$ 100	4,892	5%	\$ 50	\$ 50	\$ -	\$ -	\$ 154.59	31	4	5	-	14	-	-	4	-	-	4	-	-	-
212	A. Special provisions			1,593						\$ 159.29	10	2			8									
213	B. Calculate and schedule quantities			687						\$ 114.55	6				2			4						
214	C. Prepare Opinion of Probable Construction Cost and Estimate of Time			503						\$ 167.74	3		1		2									
215	D. Plot and submit prefinal PS&E			849		\$ 50	\$ 50			\$ 124.81	6				2						4			
216	E. QC/QA Review			1,260						\$ 210.00	6	2	4											
				-							-													
<b>221</b>	<b>15. Final Plans, Specifications and Estimates</b>	\$ 4,990	\$ 150	5,140	5%	\$ 100	\$ 50	\$ -	\$ -	\$ 142.58	35	6	1	-	12	-	-	4	-	-	12	-	-	-
222	A. Final Roadway Plans (Incorporate review)			1,708						\$ 131.36	13	1			4						8			
223	B. Special provisions			713						\$ 178.31	4	2			2									
224	C. Disposition of Comments			344						\$ 114.55	3				1			2						
225	D. Finalize Quantities			490						\$ 122.57	4				2			2						
226	E. Prepare Opinion of Probable Construction Cost and Estimate of Time			357						\$ 178.31	2		1		1									
227	F. QC/QA Review			420						\$ 210.00	2	2												
228	G. Plot and submit Final PS&E			1,109		\$ 100	\$ 50			\$ 136.98	7	1			2						4			
229				-							-													





## PEORIA COUNTY BOARD APPOINTMENTS

May 14, 2020

**\*Subject to Change\***

### **Board of Review & Assessments**

*(Length of Term: 2 years)*

Chad Jones

212 W. Barrington Road

Peoria IL 61614

*Expiring: 5/31/2022*

### **Chillicothe Community Fire Protection District**

*(Length of Term: 3 years)*

Brian Cline

1504 W. Sycamore

Chillicothe IL 61523

*Expiring: 5/4/2023*

Kevin Peterson

21203 N Blue Ridge

Chillicothe IL 61523

*Expiring: 5/4/2023*

### **Jubilee Churchyard Cemetery Association**

*(Length of Term: 6 years)*

Jason Snyder

11627 W. Jubilee College Rd.

Brimfield, IL 61517

*Expiring: 6/30/2025*

***Replaces: Janet Colvin***

John Hessing

11226 N. Autumn Trail

Brimfield, IL 61517

*Expiring: 6/30/2025*

***Replaces: Jeanne McCoy***

Sue Swanson

1332 E. Samuel Ave.

Peoria Heights, IL 61616

*Expiring: 6/30/2025*

***Replaces: Mike Blodgett***



**Mt Hawley Cemetery Association**

*(Length of Term: 6 years)*

Carolyn Mitchell

5017 N Belle Court

Peoria IL 61614-5003

*Expiring: 5/31/2026*

Matthew Allen

6131 Oak Point Court

Peoria IL 61614

*Expiring: 5/31/2026*

**Sheriff's Merit Commission**

*(Length of Term: 6 years)*

Kent Tomblin

13104 N Duggins Rd

Dunlap IL 61525

*Expiring: 5/31/2026*



## PEORIA COUNTY BOARD APPOINTMENTS

June 11, 2020

**\*Subject to Change\***

### **Board of Health**

*(Length of Term: 3 years)*

Benjamin Brewer

2205 W. Geneva Rd.

Peoria IL 61615

*Expiring: 6/30/2020*

David Trachtenbarg

2419 E Reservoir Blvd.

Peoria IL 61614-8029

*Expiring: 6/30/2020*

Joyce Harant

3914 N Donna Lane

Peoria IL 61615

*Expiring: 6/30/2020*

### **Care and Treatment Board**

*(Length of Term: 3 years)*

Greg Chance

523 N. Fairgrounds Way

Elmwood IL 61529

*Expiring: 6/30/2020*

### **Peoria County Plat Officers**

*(Length of Term: 2 years)*

Kathi Urban

324 Main Street, Room 301

Peoria IL 61602-2332

*Expiring: 6/1/2020*

### **Springdale Cemetery Committee**

*(Length of Term: 4 years)*

Kate Pastucha

1502 E. Tripp Ave.

Peoria IL 61603

*Expiring: 6/30/2020*

## AGENDA BRIEFING

**COMMITTEE:** County Operations  
**MEETING DATE:** April 28, 2016

**LINE ITEM:**  
**AMOUNT:**

---

**ISSUE:**

For RESOLUTION: Setting of Elected Officials Salaries

---

**BACKGROUND/DISCUSSION:**

The County Board is required by Statute to set the salaries of elected officials 180 days prior to the newly elected official or board member takes the oath of office on the first Monday in December. Absent a special meeting of the County Board to adopt a resolution, this action has typically occurred at the May County Board meeting during election years.

For this cycle, the Board is required to set the salaries of the upcoming 4-year term of the County Auditor, Circuit Court Clerk, and County Coroner. Additionally, the Board is required to set the salaries of the upcoming 2-year term of the nine (9) County Board Districts up for election this November. In the attached table, these are highlighted in GREEN.

Through prior action, a previous County Board set the salaries for the nine (9) County Board Districts up for election this November. Therefore, they are not included.

The Committee asked for data from other counties. Given the current COVID-19 situation, we were largely not successful in completing this request of the Committee.

As is past history, this is a political decision that the County Administrator does NOT participate except for providing data as requested by the Committee. As a result, there is no recommendation from the Administrator. The recommendation is borne completely by the discussion and direction of the Committee. The attached resolution is blank and will be completed based on the Committee's discussion.

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**COUNTY BOARD GOALS:**



**FINANCIAL STABILITY**



**EFFECTIVE SERVICE DELIVERY**



**HEALTHY VIBRANT COMMUNITIES**



**WORKFORCE DEVELOPMENT**



**COLLABORATION**

---

**STAFF RECOMMENDATION:**

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**COMMITTEE ACTION:**

Approved (4-2 votes) **Mr. Reneau, Ms. Groves Allison, Ms. Pastucha, Mr. Rieker** voted aye  
**Ms. Daley, Mr. Watkins** voted nay

---

**PREPARED BY:** Scott Sorrel, County Administrator  
**DEPARTMENT:** County Administration

**DATE:** April 26, 2016

TO THE HONORABLE COUNTY BOARD )  
 )  
 COUNTY OF PEORIA, ILLINOIS )

Your County Operations Committee does hereby recommend passage of the following Resolution:

RE: Setting of Salaries of the County Auditor, Circuit Court Clerk, County Coroner, and County Board Members

**RESOLUTION**

**WHEREAS**, State Statute requires a County Board to set the salaries for countywide Elected Officials and the County Board seats up for election every two years a minimum of 180 days prior to the date each member is sworn into office; and

**WHEREAS**, this election cycle mandates the County Board set salaries for the County Auditor, Circuit Court Clerk, and County Coroner, that will serve a term from December 1, 2020 through November 30, 2024 and County Board Members that will serve a term from December 7, 2020 through December 6, 2022; and

**WHEREAS**, your County Operations Committee hereby recommends said annual base salaries be as follows:

ELECTED OFFICE	Effective Date			
	12/1/2020	12/1/2021	12/1/2022	12/1/2023
County Board Member	\$9,242	\$9,242	To be set after the Reapportionment Process.	
Increase over prior year	0.0%	0.0%		
Committee Chairperson	\$10,242	\$10,242		
Increase over prior year	0.0%	0.0%		
Circuit Court Clerk	\$94,210	\$94,210	\$96,094	\$98,016
Increase over prior year	0.0%	0.0%	2.0%	2.0%
Annual Service Payment	\$1,250	\$1,250	\$1,250	\$1,250
County Auditor	\$94,210	\$94,210	\$96,094	\$98,016
Increase over prior year	0.0%	0.0%	2.0%	2.0%
Annual Service Payment	\$1,250	\$1,250	\$1,250	\$1,250
County Coroner	\$94,210	\$94,210	\$96,094	\$98,016
Increase over prior year	0.0%	0.0%	2.0%	2.0%
Annual Service Payment	\$1,250	\$1,250	\$1,250	\$1,250

**NOW THEREFORE BE IT RESOLVED**, by the County Board of Peoria County, that the salaries for the upcoming four-year terms of the County Auditor, Circuit Court Clerk, County Coroner, and two-year terms of County Board Members are hereby set as noted above.

RESPECTFULLY SUBMITTED,  
 COUNTY OPERATIONS COMMITTEE

## AGENDA BRIEFING

**COMMITTEE:** County Operations Committee  
**MEETING DATE:** Poll Vote - May 2020

**LINE ITEM:**  
**AMOUNT:**

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**ISSUE:**

Approval of the Collective Bargaining Agreement (CBA) between Peoria County and AFSCME-PCEA Local 3586.

---

**BACKGROUND/DISCUSSION:**

The current PCEA agreement expired on December 31, 2019. Multiple bargaining sessions were held in Fall 2019 and early 2020.

A tentative agreement has been reached between the parties for a four-year contract with wage increases of 2.25% in year one (2020), 2.5% in year two (2021), 2.5% in year three (2022), and 2.75% in year four (2023). The tentative agreement includes an HSA contribution by the County as well as acceptance of the health plan changes, which were approved by the board for 2021. There were also a series of language changes to the agreement. The union ratified the agreement on April 27, 2020.

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**COUNTY BOARD GOALS:**



Workforce Development

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**STAFF RECOMMENDATION:**

Approve the tentative agreement reached with AFSCME-PCEA Local 3586 which was ratified by the union on April 27, 2020.

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**COMMITTEE ACTION: Approved via Poll Vote (4-1 votes) Ms. Daley voted nay**

---

**PREPARED BY:** Shauna Musselman, Assistant County Administrator

**DEPARTMENT:** County Administration

**DATE:** May 1, 2020





## AGENDA BRIEFING

**COMMITTEE:** Infrastructure  
**MEETING DATE:** April 28, 2020

**LINE ITEM:** 037-2-037-5-536-54419  
**AMOUNT:** \$868,375.28

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**ISSUE:** Multi-township bids for sealcoating and tilling (Township Motor Fuel Tax)

---

**BACKGROUND/DISCUSSION:** The County advertised and received proposals for Akron, Brimfield, Chillicothe, Elmwood, Hallock, Hollis, Jubilee, Logan, Millbrook, Princeville, Radnor, Rosefield, Timber and Trivoli Townships to provide sealcoating and road tilling services that will be paid for with Township Motor Fuel (TMFT) funds.

The County solicited for bidders and received bids on April 09, 2019. Bid tabulations are attached.

As per the contract documents, contractor prequalification is required. Based on the size and resources of a contractor, IDOT limits the amount of contracted work a contractor may take on at one time. This is referred to as their financial/work capacity.

Although Porter Brothers Asphalt and Sealing was the lowest bidder on most of the Township groups, IDOT deemed them to be overextended on their financial/work capacity. IDOT allowed the department to award individual groups to Porter Brothers, if they were the lowest bidder, until they met their financial/work capacity. Once they met their financial/work capacity, the remaining bids were to be rejected.

**The following Townships have accepted the lowest bid from Porter Brothers:**  
Akron, Brimfield, Elmwood, Hollis

**After having to reject Porter Brothers bid for the reason of being overextended on their financial/work capacity, the following Townships have accepted the second lowest bid from R.A. Cullinan and Son:**  
Jubilee, Logan, Princeville, Timber, Trivoli

**After having to reject Porter Brothers bid for the reason of being overextended on their financial/work capacity, the following Townships have rejected the second lowest bid from R.A. Cullinan and Son:**  
Rosefield, Radnor, Millbrook, Chillicothe

**The following Townships have accepted the lowest bid from Pavement Maintenance Services:**  
Hallock

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### COUNTY BOARD GOALS:



INFRASTRUCTURE STEWARDSHIP

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**STAFF RECOMMENDATION:** Approve the lowest responsible bidders

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**COMMITTEE ACTION:** Approved 4/28/20 (5-0 votes) Mr. Windish absent

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**PREPARED BY:** Mark Gilles, Operations Officer and Amy Benecke McLaren, County Engineer

**DEPARTMENT:** Highway

**DATE:** April 16, 2019



Tabulation of Bids

Local Public Agency: Various Townships  
 County: Peoria  
 Section: 20-XX000-00-GM  
 Estimate: 0.00

Date: 4/9/2020  
 Time: 9:00 a.m.  
 Appropriation: \_\_\_\_\_

Attended By: N/A

					Name of Bidder:	<i>Pavement Maintenance Svc</i>	<i>Porter Brothers</i>	<i>R.A. Cullinan &amp; Son</i>		
					Address of Bidder:	<i>P.O. Box 71</i>	<i>Asphalt &amp; Sealing, Inc.</i>	<i>a Div. of United Contractors</i>		
						<i>Henry, IL 61537</i>	<i>1106 Industrial Park Dr.</i>	<i>P.O. Box 166</i>		
							<i>Rock Falls, IL 61071</i>	<i>Tremont, IL 61568</i>		
					Proposal Guarantee:	<b>YES</b>	<b>YES</b>	<b>YES</b>		
					Terms:					
Item No.	Item	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
<b>Grp 1</b>	<b>AKRON ROAD DISTRICT</b>	<b>20-01000-00-GM</b>								
	Bituminous Material PG 46-28	Furnish/apply	Gal	25893.00	\$ 2.82	\$ 73,018.26	\$ 2.37	\$ 61,366.41	\$ 3.61	\$ 93,473.73
	Aggregate CA-16 Load, haul & spread from Twp Stockpile	load/apply	Ton	941.53	\$ 15.10	\$ 14,217.10	\$ 14.91	\$ 14,038.21	\$ 10.62	\$ 9,999.05
	<b>Group 1 Total</b>					<b>\$ 87,235.36</b>		<b>\$ 75,404.62</b>		<b>\$ 103,472.78</b>
<b>Grp 2</b>	<b>BRIMFIELD ROAD DIST.</b>	<b>20-02000-00-GM</b>								
	Bituminous Materials- PG46-28	Furnish/apply	Gal	31944.00	\$ -	\$ -	\$ 2.40	\$ 76,665.60	\$ 3.34	\$ 106,692.96
	Aggregate CA-16	Furnish/apply	Ton	1161.60	\$ -	\$ -	\$ 34.16	\$ 39,680.26	\$ 28.44	\$ 33,035.90
	<b>Group 2 Total</b>					<b>\$ -</b>		<b>\$ 116,345.86</b>		<b>\$ 139,728.86</b>
<b>Grp 3</b>	<b>CHILLICOTHE ROAD DISTRICT</b>	<b>20-03000-00-GM</b>								
	Bituminous Material PG 46-28	Furnish/apply	Gal	16765.76	\$ -	\$ -	\$ 2.62	\$ 43,926.29	\$ 4.42	\$ 74,104.66
	Aggregate CM-16 Steel Slag	Load/Apply	Ton	473.73	\$ -	\$ -	\$ 44.36	\$ 21,014.66	\$ 20.85	\$ 9,877.27
	Aggregate CA-14	Furnish/apply	Ton	96.80	\$ -	\$ -	\$ 64.16	\$ 6,210.69	\$ 36.59	\$ 3,541.91
	Bituminous Material - MC-30	Furnish/apply	Gal	1936.00	\$ -	\$ -	\$ 5.00	\$ 9,680.00	\$ 4.84	\$ 9,370.24
	<b>Group 3 Total</b>					<b>\$ -</b>		<b>\$ 80,831.64</b>		<b>\$ 96,894.08</b>
<b>Grp 4</b>	<b>ELMWOOD ROAD DISTRICT</b>	<b>20-04000-00-GM</b>								
	Bituminous Material - PG 46-28	Furnish/apply	Gal	15955.00	\$ -	\$ -	\$ 2.43	\$ 38,770.65	\$ 3.77	\$ 60,150.35
	Aggregate CA-16	Load/Apply	Ton	580.16	\$ -	\$ -	\$ 20.57	\$ 11,933.89	\$ 16.07	\$ 9,323.17
	<b>Group 4 Total</b>							<b>\$ 50,704.54</b>		<b>\$ 69,473.52</b>
<b>Grp 5</b>	<b>HALLOCK ROAD DIST.</b>	<b>20-05000-00-GM</b>								
	Bituminous Materials PG-46-28	Furnish/apply	Gal	12391.00	\$ 2.82	\$ 34,942.62	\$ 2.45	\$ 30,357.95	\$ 4.20	\$ 52,042.20
	Aggregate CA-16	Furnish/apply	Ton	225.28	\$ 18.50	\$ 4,167.68	\$ 29.39	\$ 6,620.98	\$ 26.66	\$ 6,005.96
	Aggregate CA-14	Furnish/apply	Ton	281.60	\$ 18.50	\$ 5,209.60	\$ 38.00	\$ 10,700.80	\$ 31.93	\$ 8,991.49
	<b>Group 5 Total</b>					<b>\$ 44,319.90</b>		<b>\$ 47,679.73</b>		<b>\$ 67,039.65</b>
					<b>Total Bid:</b>					
					As Read:					
					As Calculated:	<b>\$ 131,555.26</b>	<b>\$ 320,261.85</b>	<b>\$ 407,135.38</b>		



Tabulation of Bids

Local Public Agency: Various Townships  
 County: Peoria  
 Section: 20-XX000-00-GM  
 Estimate: 0.00

Date: 4/9/2020  
 Time: 9:00 a.m.  
 Appropriation: \_\_\_\_\_

Attended By: N/A

Name of Bidder: Address of Bidder:	<b>Pavement Maintenance Svc</b>	<b>Porter Brothers</b>	<b>R.A. Cullinan &amp; Son</b>
	<b>P.O. Box 71</b>	<b>Asphalt &amp; Sealing, Inc.</b>	<b>a Div. of United Contractors</b>
	<b>Henry, IL 61537</b>	<b>1106 Industrial Park Dr.</b>	<b>P.O. Box 166</b>
Proposal Guarantee:	<b>YES</b>	<b>YES</b>	<b>YES</b>
Terms:			
		<b>Rock Falls, IL 61071</b>	<b>Tremont, IL 61568</b>

Item No.	Item	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
<b>Grp 6</b>	<b>HOLLIS ROAD DISTRICT</b>	<b>20-06000-00-GM</b>								
	Bituminous Material PG 46-28	Furnish/apply	Gal	15590.00	\$ -	\$ 38,039.60	\$ 2.44	\$ 38,039.60	\$ 4.10	\$ 63,919.00
	Aggregate CA-14	Furnish/apply	Ton	708.61	\$ -	\$ 28,004.27	\$ 39.52	\$ 28,004.27	\$ 36.25	\$ 25,687.11
	<b>Group 6 Total</b>				\$ -	\$ 66,043.87		\$ 66,043.87		\$ 89,606.11
<b>Grp 7</b>	<b>JUBILEE ROAD DISTRICT</b>	<b>20-07000-00-GM</b>								
	Bituminous Material PG 46-28	Furnish/apply	Gal	19528.00	\$ -	\$ 46,671.92	\$ 2.39	\$ 46,671.92	\$ 3.45	\$ 67,371.60
	Aggregate CA 16	Furnish/apply	Ton	711.00	\$ -	\$ 25,354.26	\$ 35.66	\$ 25,354.26	\$ 26.03	\$ 18,507.33
	<b>Group 7 Total</b>				\$ -	\$ 72,026.18		\$ 72,026.18		\$ 85,878.93
<b>Grp 8</b>	<b>LOGAN TOWNSHIP</b>	<b>20-10000-00-GM</b>								
	Bituminous Materials - CRSP	Furnish/apply	Gal	13839.00	\$ -	\$ 41,517.00	\$ 3.00	\$ 41,517.00	\$ 5.19	\$ 71,824.41
	Aggregate CM-16 Steel Slag	Furnish/apply	Ton	384.41	\$ -	\$ 24,717.56	\$ 64.30	\$ 24,717.56	\$ 71.33	\$ 27,419.97
	<b>Group 8 Total</b>				\$ -	\$ 66,234.56		\$ 66,234.56		\$ 99,244.38
<b>Grp 9</b>	<b>MILLBROOK ROAD DISTRICT</b>	<b>20-12000-00-GM</b>								
	Bituminous material PG 46-28	Furnish/apply	Gal	14211.00	\$ -	\$ 35,101.17	\$ 2.47	\$ 35,101.17	\$ 4.03	\$ 57,270.33
	Bituminous material - MC-30	Furnish/apply	Gal	1709.10	\$ -	\$ 7,178.22	\$ 4.20	\$ 7,178.22	\$ 5.28	\$ 9,024.05
	Aggregate CA 14	Furnish	Ton	85.46	\$ -	\$ 4,102.08	\$ 48.00	\$ 4,102.08	\$ 39.55	\$ 3,379.94
	Aggregate CA-16	Furnish/apply	Ton	448.38	\$ -	\$ 18,625.71	\$ 41.54	\$ 18,625.71	\$ 32.73	\$ 14,675.48
	<b>Group 9 Total</b>				\$ -	\$ 65,007.18		\$ 65,007.18		\$ 84,349.80
<b>Grp 10</b>	<b>PRINCEVILLE ROAD DISTRICT</b>	<b>20-15000-00-GM</b>								
	Bituminous Material PG 46-28	Furnish/apply	Gal	43706.00	\$ -	\$ 104,020.28	\$ 2.38	\$ 104,020.28	\$ 3.33	\$ 145,540.98
	Aggregate CA-14	Load/Apply	Ton	37.40	\$ -	\$ 1,018.78	\$ 27.24	\$ 1,018.78	\$ 23.86	\$ 892.36
	Aggregate CA 16	Furnish/apply	Ton	1559.40	\$ -	\$ 42,478.06	\$ 27.24	\$ 42,478.06	\$ 27.75	\$ 43,273.35
	<b>Group 10 Total</b>				\$ -	\$ 147,517.11		\$ 147,517.11		\$ 189,706.69
<b>Grp 11</b>	<b>RADNOR ROAD DIST.</b>	<b>20-16000-00-GM</b>								
	Bituminous Materials HFP	Furnish/apply	Gal	65425.92	\$ -	\$ 167,490.36	\$ 2.56	\$ 167,490.36	\$ 3.04	\$ 198,894.80
	Aggregate CA-14	Furnish/apply	Ton	73.55	\$ -	\$ 2,942.00	\$ 40.00	\$ 2,942.00	\$ 37.76	\$ 2,777.25
	Aggregate CA-16	Furnish/apply	Ton	1810.47	\$ -	\$ 54,133.05	\$ 29.90	\$ 54,133.05	\$ 29.00	\$ 52,503.63
	Tilling	Furnish/apply	SQ. YD.	4903.56	\$ -	\$ 2,451.78	\$ 0.50	\$ 2,451.78	\$ 0.95	\$ 4,658.38
	<b>Group 11 Total</b>				\$ -	\$ 227,017.19		\$ 227,017.19		\$ 258,834.06

<b>Total Bid:</b>	As Read:			
	As Calculated:	\$ -	\$ 577,611.52	\$ 708,375.59



Tabulation of Bids

Local Public Agency: Various Townships  
 County: Peoria  
 Section: 20-XX000-00-GM  
 Estimate: 0.00

Date: 4/9/2020  
 Time: 9:00 a.m.

Appropriation: \_\_\_\_\_

Attended By: N/A

					Name of Bidder:	<i>Pavement Maintenance Svc</i>		<i>Porter Brothers</i>		<i>R.A. Cullinan &amp; Son</i>	
					Address of Bidder:	<i>P.O. Box 71</i>		<i>Asphalt &amp; Sealing, Inc.</i>		<i>a Div. of United Contractors</i>	
						<i>Henry, IL 61537</i>		<i>1106 Industrial Park Dr.</i>		<i>P.O. Box 166</i>	
								<i>Rock Falls, IL 61071</i>		<i>Tremont, IL 61568</i>	
					Proposal Guarantee:	<b>YES</b>		<b>YES</b>		<b>YES</b>	
					Terms:						
Item No.	Item	Delivery	Unit	Quantity		Unit Price	Total	Unit Price	Total	Unit Price	Total
<b>Grp 12</b>	<b>ROSEFIELD TOWNSHIP</b>	<b>20-18000-00-GM</b>									
	Bituminous Material PG 46-28	Furnish/apply	Gal	9937				\$ 3.35	\$ 33,288.95	\$ 4.21	\$ 41,834.77
	Bituminous Materials HFE	Furnish/apply	Gal	3000				\$ 3.26	\$ 9,780.00	\$ 3.78	\$ 11,340.00
	Aggregate FM-22	Load/Apply	Ton	109.08				\$ 135.54	\$ 14,784.70	\$ 21.11	\$ 2,302.68
	Aggregate CA-16	Load/Apply	Ton	372.64				\$ 102.74	\$ 38,285.03	\$ 20.70	\$ 7,713.65
	<b>Group 12 Total</b>								<b>\$ 96,138.69</b>		<b>\$ 63,191.10</b>
<b>Grp 13</b>	<b>TIMBER ROAD DISTRICT</b>	<b>20-19000-00-GM</b>									
	Bituminous Material PG 46-28	Furnish/apply	Gal	15779.00		\$ -	\$ -	\$ 2.40	\$ 37,869.60	\$ 3.90	\$ 61,538.10
	Aggregate CA-14	Furnish/apply	Ton	70.40		\$ -	\$ -	\$ 48.00	\$ 3,379.20	\$ 37.24	\$ 2,621.70
	Aggregate CA-16	Furnish/apply	Ton	517.44		\$ -	\$ -	\$ 40.27	\$ 20,837.31	\$ 27.90	\$ 14,436.58
	<b>Group 13 Total</b>								<b>\$ 62,086.11</b>		<b>\$ 78,596.37</b>
<b>Grp 14</b>	<b>TRIVOLI ROAD DISTRICT</b>	<b>20-20000-00-GM</b>									
	Bituminous Material PG 46-28	Furnish/apply	Gal	11891.00		\$ -	\$ -	\$ 2.47	\$ 29,370.77	\$ 4.00	\$ 47,564.00
	Aggregate CA-16	Furnish/apply	Ton	433.00		\$ -	\$ -	\$ 44.67	\$ 19,342.11	\$ 33.64	\$ 14,566.12
	<b>Group 14 Total</b>								<b>\$ 48,712.88</b>		<b>\$ 62,130.12</b>
								<b>*Calculation error on bid</b>			
<b>Total Bid:</b>					As Read:						
					As Calculated:	\$ -	\$ -	\$ 110,798.99	\$ 110,798.99	\$ 203,917.59	\$ 203,917.59

TO THE HONORABLE COUNTY BOARD )  
 )  
 COUNTY OF PEORIA, IL )

Your Infrastructure Committee does hereby recommend the passage of the following Resolution:

**RE: MULTI-TOWNSHIP BIDS FOR SEALCOATING AND TILLING (TOWNSHIP MOTOR FUEL TAX)**

**RESOLUTION**

WHEREAS, Peoria County solicited for quotations for Township Motor Fuel Tax (TMFT) deliver and install proposals for sealcoating and tilling various township roads, designated as Section Numbers 20-01000-00-GM (Akron); 20-02000-00-GM (Brimfield); 20-04000-00-GM (Elmwood); 20-05000-00-GM (Hallock); 20-060000-00-GM (Hollis); 20-07000-00-GM (Jubilee); 20-10000-00-GM (Logan); 20-15000-00-GM (Princeville); 20-19000-00-GM (Timber); 20-20000-00-GM (Trivoli); and

WHEREAS, on April 09, 2020, quotations were received for the Township Motor Fuel Tax deliver and install proposals for sealcoating and tilling various township roads; and

WHEREAS, the following vendors submitted acceptable quotations:

<b>VENDOR</b>	<b>LOCATION</b>	<b>PROPOSED TOWNSHIPS AWARDED</b>
Pavement Maintenance Services	Henry, IL	Hallock
R.A. Cullinan & Son, a Division of UCM	Tremont, IL	Jubilee, Logan, Princeville, Timber Trivoli
Porter Brothers Asphalt & Sealing	Rock Falls, IL	Akron, Brimfield, Elmwood, Hollis

NOW THEREFORE BE IT RESOLVED that the quotations received from the aforementioned vendors for the Township Motor Fuel Tax Deliver and Install proposals be accepted; and

BE IT FURTHER RESOLVED, that \$868,375.28 be appropriated from the Township Motor Fuel Tax Fund for construction the above listed sections; and

BE IT FURTHER RESOLVED, that the County Engineer is hereby authorized to sign the Acceptance of Proposal to furnish Materials and Approval of Award (BLR 12330) for the above listed sections and that the County Treasurer is hereby authorized to issue checks from the Township Motor Fuel Tax Fund in payment of estimates, as said estimates become due.

Respectfully Submitted,

Infrastructure Committee