

CITY OF RIVERSIDE COUNCIL MEETING AGENDA
RIVERSIDE CITY HALL COUNCIL CHAMBERS
60 N GREENE STREET
REGULAR MEETING
Monday, November 4, 2019 – 6:30 P.M.

NOTICE TO THE PUBLIC: This is a meeting of the City Council to conduct the regular business of the City. Every item on the agenda is an item of discussion and action if needed.

1. Call meeting to order
2. Approval of agenda
3. Consent agenda
 - a. Minutes from 10-21-2019
 - b. Expenditures for 11-4-2019
4. Committee minutes
5. **Public forum:** 3 minutes per person. See guidelines for public comments at the Clerk's table.
6. Approve updated plan for Safe Routes to School Grant Application. **pg. 4**
7. Resolution #110419-01 Agreement with Johnson County Refuse. **pg. 29**
8. Request to purchase snow removal equipment for sidewalks **pg. 43**
9. Highway 22 Project
 - a. Update on punch list items
 - b. Resolution #110419-02 Pay Request #10 Triple B Construction **pg. 48**
10. Ash/Tupelo Project
 - a. Project Update
 - c. Resolution #110419-03 Pay Request #4 Cornerstone **pg. 53**
11. Mayor's Comments
12. City Council Comments
13. Motion to adjourn

COUNCIL PACKET

RIVERSIDE CITY COUNCIL MEETING: October 21, 2019

The Riverside City Council meeting opened at 6:30 pm in City Hall with Mayor Allen Schneider requesting roll call. Council members present were: Andy Rodgers, Bob Schneider Jr., Edgar McGuire, and Jeanine Redlinger. Tom Sexton was absent.

Motion by McGuire to approve agenda. Second by Redlinger, passed 4-0.

Schneider moved to approve the minutes of October 7th, 2019 and expenditures, pulling Camp Highland donation until after presentation from YMCA. Second by McGuire, passed 4-0.

Bill Stuke, PeopleService, Inc. presented September water and waste water report.

Schneider moved to accept bid of \$3500 from Brendan Serum to replace sidewalk at the water tower. Second by Redlinger, passed 4-0.

Katie Schneider addressed Council on the Thirsty Turkey Trot to be held on November 29th at Hall Park, City Trail, and fire station.

Redlinger moved to allow use of fire station for the benefit. Second by McGuire, passed 4-0.

Amy Schulte, Camp Highland YMCA director, gave results from the summer program.

Schneider moved to approve the donation of \$10,000 to Washington YMCA. Second by McGuire, passed 4-0.

Steve Smith, Johnson County Refuse, reviewed the new garbage/recycling contract with Council. New cart system will begin in December. Notifications will go out in November.

Scott Pottorff, MMS updated capital improvement projects.

Hwy 22 street project has a punch list of repairs to be made before project is accepted.

McGuire moved to consider substantial completion of 10/21/19, if punch list is done by November 1, 2019. Second by Redlinger, passed 4-0.

Schneider moved to set November 15, 2019 as the completion date for Ash/Tupelo street project. Second by Rodgers, passed 4-0.

Pottorff will have 'Safe Walk to School' project plans revised for next meeting, to be let in February.

Schneider moved to designate October 31st as Trick or Treat night from 6-8pm. Second by Redlinger, passed 4-0.

Mayor reviewed work session goals with Council.

Administrator will get proposals for listing the remaining City Commercial lot, and the rental property on 2nd street for sale.

Council discussed updating speed zones on streets leading to the school.

COUNCIL PACKET

Redlinger moved to open Public Hearing on sale of City owned property at 8:37 pm. Second by McGuire, passed 4-0. There were no written or oral comments. Redlinger moved to close Public Hearing at 8:38 pm. Second by McGuire, passed 4-0.

Redlinger moved to pass Resolution #102119-01; sell City parcel 04-08-355-015, total of 4800' feet, adjacent to 336 Blackberry Ave, to Allen and Katie Schneider for \$1500 plus legal fees. Second by Rodgers, passed 3-0 Schneider abstained.

City Administrator gave update on Schnoebelen Street dog issue.

Council discussed future City Hall staffing needs.

Council, Mayor, and Administrator comments were given.

McGuire moved to enter into closed session pursuant to Iowa Code 21.5 (1)(i) employee review at 9:45 pm. Second by Rodgers, passed 4-0.

Council returned to open meeting at 10:04 pm.

Redlinger moved to adjourn at 10:05 pm. Second by Rodgers, passed 4-0.

Full content of Council Meetings can be viewed on the City web site; www.cityofriversideiowa.com

Council Meeting – Monday, November 4th, 2019 at 6:30 p.m.

ATTEST:


Becky LaRoche, City Clerk

Allen Schneider; Mayor

COUNCIL PACKET

EXPENDITURES November 4, 2019					
COUNCIL MEETING					
1	ALLIANT ENERGY	PARKS	001-5-430-6371	\$ 559.38	
2	ALLIANT ENERGY	SEWER	610-5-815-6371	\$ 1,169.96	
3	ALLIANT ENERGY	CITY HALL	001-5-650-6371	\$ 353.58	
4	ALLIANT ENERGY	WATER	600-5-810-6371	\$ 88.60	
5	ALLIANT ENERGY	STREET LIGHTS	001-5-230-6371	\$ 1,596.28	
6	ALLIANT ENERGY	FIRE STATION	001-5-150-6330	\$ 455.20	\$ 4,223.00
7	A R FENCE	DOG PARK TREES	145-5-650-6430	\$ 6,770.00	
8	AUTOMATIC SYSTEMS CO,	SIEMENS MAG 5000 TRANSMITTER	610-5-815-6504	\$ 3,101.50	
9	BECKY LaROCHE	NOV CELL	001-5-650-6373	\$ 50.00	
10	BRYAN LENZ	NOV CELL	001-5-430-6373	\$ 50.00	
11	CUSTOM TREE SERVICE	2ND ST AND WASHINGTON	001-5-510-6495	\$ 1,700.00	
12	FIRE SERVICE TRAINING	RVFD TRAINING	002-5-150-6354	\$ 410.50	
13	FREEMAN LOCK	RVFD MONITERING	002-5-150-6356	\$ 84.00	
14	HOLIDAY INN	CONFERENCE	001-5-650-6240	\$ 201.60	
15	IOWA PUMP WORKS	LIFT STATION SERVICE	610-5-815-6374	\$ 1,800.00	
16	IPI	3 "NOT A THROUGH STREET"	110-5-210-6415	\$ 136.95	
17	JAY STUELKE	NOV CELL	001-5-210-6373	\$ 50.00	
18	KOCH OFFICE GROUP	COPIER	001-5-650-6496	\$ 613.84	
19	MENARDS	SNOW MARKERS	110-5-210-6335	\$ 56.97	
20	MENARDS	SHOP	001-5-210-6372	\$ 21.50	
21	MIDWEST BREATHING AIR	RVFD	002-5-150-6356	\$ 109.50	
22	MIDWEST FRAME	SANDER REPAIR	110-5-210-6335	\$ 764.69	
23	PEOPLE SERVICES	NOV SERVICE	610-5-815-6500	\$ 11,214.00	
24	PEOPLE SERVICES	NOV SERVICE	600-5-800-6500	\$ 11,214.00	\$ 22,428.00
25	TYLER TECH	METER READ MAINTENANCE	001-5-650-6497	\$ 606.38	
26	VISU SEWER	KLEOPFER-SYCAMORE CLEAN OUT	610-5-815-6374	\$ 8,562.65	
		TOTAL BILLS		\$ 51,741.08	
OCTOBER EOM PAYABLES					
27	HENRY SCHEIN	RVFD	002-5-150-6356	\$ 325.38	
28	DELTA DENTAL	NOV BILLING	001-5-430-6150	\$ 149.54	
29	LINCOLN NAT'L LIFE INS	NOV BILLING	001-5-620-6150	\$ 288.55	
30	MEDIACOM	RVFD	001-5-150-6332	\$ 182.27	
31	MEDIACOM	CITY HALL	001-5-650-6373	\$ 182.15	
32	MID AMERICAN ENERGY	OCT BILLING	001-5-650-6371	\$ 45.71	
33	WELLMARK	NOV BILLING	001-5-620-6150	\$ 3,633.78	
34	WINDSTREAM	NOV BILLING	600-5-810-6373	\$ 376.39	
		TOTAL PAID BILLS		\$ 56,924.85	
TOTAL EXPENDITURES					
TOTAL BY FUND					
"001"	GENERAL FUND		\$	10,739.76	
"002"	FIRE DEPARTMENT		\$	929.38	
"110"	ROAD USE FUND		\$	958.61	
"145"	CASINO FUNDS		\$	6,770.00	
"301"	CAPITAL PROJECTS		\$		
"600"	WATER FUND		\$	11,678.99	
"610"	SEWER FUND		\$	25,848.11	
"670"	GARBAGE				
	TOTAL EXPENDITURES		\$	56,924.85	



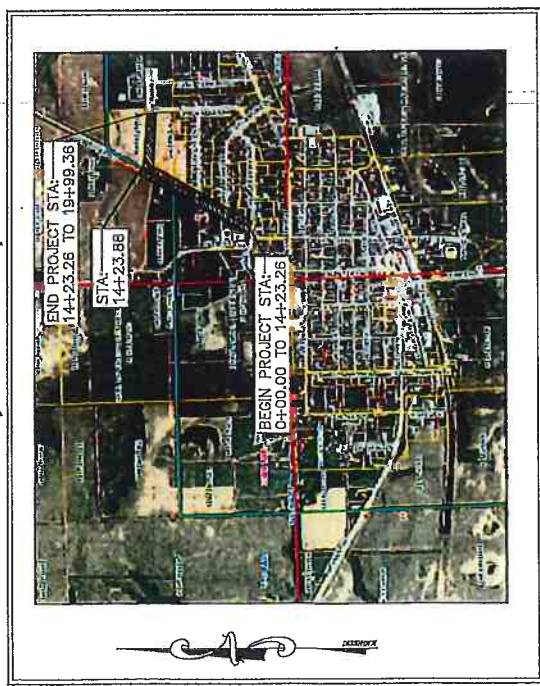
PLANNING, PROGRAMMING AND MODAL DIVISION
Plans for Improvements on the URBAN ROAD SYSTEM CITY OF RIVERSIDE

ON ASH ST/TUPELO BLVD, FROM BLACKBERRY AVE TO COMMUNITY CTR/ ELEMENTARY SCHOOL PED/BIKE PAVING TAP-R-6495(603)--8T-92 PCC SIDEWALK

CITY OF RIVERSIDE
 MAYOR: ALLEN SCHNEIDER
 COUNCIL: BOB SCHNEIDER, TOM SEXTON, EDGAR MCGUIRE, ANDY RODGERS, JEANINE REDLINGER
 CITY CLERK: BECKY LAROCHE

REFER TO PROPOSAL FORM FOR LIST OF APPLICABLE SPECIFICATIONS

Project Location Map



Location Map Not To Scale

NO.	DESCRIPTION	TOTAL SHEETS
A.01	TITLE SHEET	1
A.02	LEGEND AND UTILITY INFORMATION	1
B.01	GENERAL NOTES AND TYPICAL SECTIONS	1
C.01	ESTIMATED PROJECT QUANTITIES	1
C.02	ESTIMATE REFERENCE NOTES	1
C.03	TABULATIONS	1
C.04-C.05	POLLUTION PREVENTION PLAN	2
D.01-D.03	SIDEWALK PLAN AND PROFILE	3
H.01-H.05	RIGHT-OF-WAY/SURVEY CONTROL	5
J.01	TRAFFIC CONTROL AND STAGING PLAN	1
M.01	STORM SEWER NOTES	1
M.02	STORM SEWER PLAN	1
R.01-R.02	GRADING AND EROSION CONTROL PLAN	2
S.01-S.04	SIDEWALK COMPLIANCE PLAN	4
		25

UTILITIES
 THE CONTRACTOR SHALL NOTIFY IOWA ONE CALL NO LESS THAN 48 HRS. IN ADVANCE OF ANY DIGGING OR EXCAVATION.
 WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL UTILITIES AND UNDERGROUND FACILITIES STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERE TO. NO CLAIMS FOR ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

MILEAGE SUMMARY

DIV.	LOCATION	LIN. FT.	MILES
1	TUPELO/ASH STREET STA: 0+00 TO 14+23.88	1424	0.27
2	GALILEO DRIVE STA: 14+23.88 TO 19+99.36	576	0.11

SEE SHEET A.02 FOR LIST OF STANDARD ROAD PLANS WHICH APPLY TO THIS PROJECT

THIS PROJECT IS COVERED BY THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2. THE CONTRACTOR SHALL CARRY OUT THE TERMS AND CONDITIONS OF GENERAL PERMIT NO. 2 AND THE STORM WATER POLLUTION PREVENTION PLAN WHICH IS A PART OF THESE CONTRACT DOCUMENTS. REFER TO SECTION 2602 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION.

Approved by City of Riverside

Signed _____
 MAYOR

Date _____

I hereby certify that the applicant's design was prepared by a Professional Engineer under the laws of the State of Iowa.
 SCOTT A. POTEROFF, P.E. License No. 19322
 My license renewal date is December 31, 20____
 Project or sheets covered by this seal.

Drawn By: JEB
 Approved By: LLS/DLP
 Date: 10-21-2018

Project No. 2245-043

CIVIL ENGINEERS
 LAND SURVEYORS
 LANDSCAPE ARCHITECTS
 PROFESSIONAL GEODETISTS

187 S. GILBERT ST.
 IOWA CITY, IOWA 52202
 (515) 393-6220
 www.mmsconsultants.net

ASH/TUPELO PED/BIKE PAVING
 RIVERSIDE, IA
 TAP-R-6495(603)--8T-92

TITLE SHEET

Sheet No. A.01

UTILITY COMPANY CONTACTS

SERVICE	SUPPLIER	PHONE NO.
ELECTRIC	ALLIANT ENERGY Contact Name : Lauro Barr	319-286-1315
GAS	MIDAMERICAN Contact Name : Carson Hemphill	319-341-4461
SEWER	CITY OF RIVERSIDE Contact Name : Becky LaRoche	319-648-3501
WATER	CITY OF RIVERSIDE Contact Name : Becky LaRoche	319-648-3501
COMMUNICATIONS	CENTURYLINK Contact Name: Tom Stürmer	720-578-8090
COMMUNICATIONS	MEDIACOM Contact Name: Carl Norton	319-594-6201
COMMUNICATIONS	WINDSTREAM Contact Name: Lucette Desk	800-289-1901

NOTE: THE CONTACTS LISTED WERE PROVIDED BY IOWA ONE CALL SERVICE.

STANDARD ROAD PLANS

DATE	TITLE
10-18-19	SILT FENCE
10-20-15	DETECTABLE WARNINGS AND PEDESTRIAN RAMPS
04-18-19	JOINTS
10-18-13	CONCRETE APRONS
04-17-18	TRENCH BEDDING AND BACKFILL
04-18-19	RIGID GRAVITY PIPE TRENCH BEDDING
04-17-18	CIRCULAR AREA INTAKE
04-17-18	CASTINGS FOR AREA INTAKES
10-18-19	WORK NOT AFFECTING TRAFFIC
04-21-15	WORK WITHIN 15 OF TRAVELED WAY
10-18-19	LANE CLOSURE ON LOW VOLUME ROADWAY
10-15-19	PEDESTRIAN DETOUR

STANDARD LEGEND AND NOTES

PROPERTY &/OR BOUNDARY LINES
 CONGRESSIONAL SECTION LINES
 RIGHT-OF-WAY LINES
 EXISTING RIGHT-OF-WAY LINES
 CENTER LINES
 EXISTING CENTER LINES
 LOT LINES INTERNAL
 LOT LINES PLATTED OR BY DEED
 EXISTING EASEMENT LINES
 BENCHMARK
 RECORDED DIMENSIONS
 CURVE SEGMENT NUMBER

PROPOSED
 22-1

EXIST-
 POWER POLE
 POWER POLE W/DROP
 POWER POLE W/TRANS
 POWER POLE W/LIGHT
 GUY POLE
 LIGHT POLE
 SANITARY MANHOLE
 FIRE HYDRANT
 WATER VALVE
 DRAINAGE MANHOLE
 CURB INLET
 EXISTING SANITARY SEWER
 PROPOSED SANITARY SEWER
 EXISTING STORM SEWER
 PROPOSED STORM SEWER
 WATER LINES
 ELECTRICAL LINES
 TELEPHONE LINES
 GAS LINES
 CONTOUR LINES (1' INTERVAL)
 PROPOSED GROUND
 EXISTING TREE LINE
 EXISTING DECIDUOUS TREE & SHRUB
 EXISTING EVERGREEN TREES & SHRUBS

THE ACTUAL SIZE AND LOCATION OF ALL PROPOSED FACILITIES SHALL BE VERIFIED WITH CONSTRUCTION DOCUMENTS, WHICH ARE TO BE PREPARED AND SUBMITTED SUBSEQUENT TO THE APPROVAL OF THIS DOCUMENT.

GENERAL TRAFFIC CONTROL NOTES

1. TRAFFIC ON ASH/TUPELO AND ALL ADJACENT STREETS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE AND REINSTALL PERMANENT SIGNAGE AS REQUIRED.
3. ALL TRAFFIC CONTROL SIGNS SHALL BE PLACED A MINIMUM OF 2 FEET CLEAR OF THE EDGE OF SHOULDER OR BACK OF CURB WHERE POSSIBLE.
4. CONTRACTOR SHALL MOUNT ALL WARNING SIGNS ON PERMANENT POSTS. PORTABLE MOUNTINGS FOR WARNING SIGNS MAY BE USED FOR TEMPORARY INSTALLATIONS OF LESS THAN 3 DAYS ONLY.
5. THE PROPOSED SIGNING MAY BE MODIFIED TO MEET FIELD CONDITIONS. PREVENT OBSTRUCTIONS AND TO ACCOMMODATE CONSTRUCTION SCHEDULING UPON APPROVAL BY THE CITY OF RIVERSIDE.
6. THE LOCATION FOR STORAGE OF EQUIPMENT BY THE CONTRACTOR DURING NON-WORKING HOURS SHALL BE AS APPROVED BY THE CITY OF RIVERSIDE AND THE CONTRACTOR SHALL PROVIDE A WRITTEN AGREEMENT WITH THE CITY OF RIVERSIDE THAT THE EQUIPMENT WILL BE STORED WITHIN THE RIGHT OF WAY, INSIDE THE ROAD CLOSURE BARRICADES, BUT THE ACCESS TO ADJACENT PROPERTIES SHALL BE FREE OF CONTRACTORS EQUIPMENT DURING NON-WORKING HOURS.
7. CONTRACTOR SHALL CONFINE EQUIPMENT AND WORK TO CONSTRUCTION LIMITS AND RIGHT OF WAY.
8. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES ON RELOCATIONS AND/OR ADJUSTMENTS TO EXISTING UTILITIES WITHIN THE CORRIDOR.
9. THE CONTRACTOR SHALL PROVIDE ALL BARRICADES AND SIGNING REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD. THE PLANS SHALL NOT BE CONSIDERED A COMPLETE LISTING OF THE TRAFFIC CONTROL SIGNS FOR THE PROJECT.

Drawn By: JEB	Project No. 2246-043	1917 S. GILBERT ST. IOWA CITY, IOWA 52240	ASHTUPELO PEDI/BIKE PAVING	Sheet No. A.02
Approved By: LLS/DLP	2246-043	(515) 361-6202	RIVERSIDE, IA	LEGEND AND GENERAL INFORMATION
Date: 10-21-2019		www.mmsconsultants.net	TAP-R-6495(603)-8T-92	

SIDEWALK CONSTRAINTS
04-15-14

1. Widths:
Widths listed in the S sheets are minimums.
2. Cross Slopes:
Construct all sidewalks, curb ramps, and landings/turning areas at a minimum slope of 1.50% to one side and a maximum slope of 2.00% to the other. Slopes shall be sloped into existing pavement. In those areas, transition from existing pavement cross slope to a cross slope of less than 2.00% within one panel at a rate not to exceed 1.00% per foot.
3. Longitudinal Slopes:
a. Sidewalk:
i. Roadway slope exceeds 5.00%. Sidewalk longitudinal slope exceeding the roadway slope by more than 2.00% will not be allowed.
ii. Roadway slope 5.00% or less. Sidewalk longitudinal slope exceeding 2.00% will not be allowed.
b. Ramps:
i. Ramps 15.00% length or less: Longitudinal slope exceeding 5.00% will not be allowed.
ii. Ramps greater than 15.00% length: Construct with the longitudinal slope necessary to conform to the design.
4. Landings/Turning Spaces:
Longitudinal slopes exceeding 2.00% will not be allowed.

203-1
01-20-04
Plan and profile sheets included in the project are for the purpose of alignment, location and specific directions for the work to be performed under this contract. Irrelevant data on these sheets is not to be considered a part of this contract.

204-2
01-20-04
All holes resulting from operations of the contractor, including removal of guardrail posts, fence posts, utility poles, or foundation studies, shall be filled and consolidated to finished grade as directed by the engineer to prevent future settlement. The fill shall be placed and compacted in the following order: Any portion of the right-of-way or project limits (including borrow areas and operation sites) disturbed by any such operations shall be restored to an acceptable condition. This operation shall be considered incidental to other bid items in project.

203-1
04-15-08
It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project.

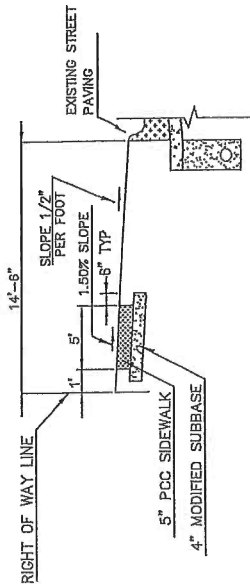
It shall be the contractor's responsibility to ensure that areas (including haul roads) selected for waste or disposal not impact 1) culturally sensitive sites or grave sites, 2) wetlands or waters of the U.S., including stream channels, or 3) banks below the high water mark of any navigable water, without an approved U.S. Army Corps of Engineers Section 404 Permit.

No payment for overfill will be allowed for material heaped to these sites. No material shall be placed within right-of-way, unless specifically stated in the plans.

202-5
01-20-04
The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to use the project for storage of vehicles. Storage, parking and service area(s) will be subject to the approval of the resident engineer.

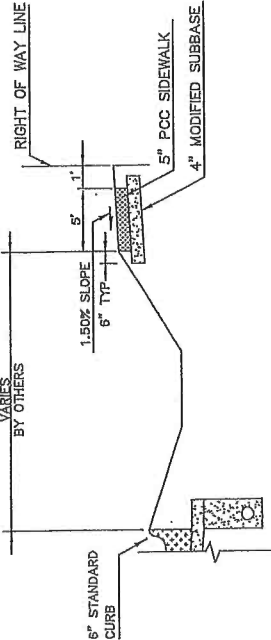
201-2
06-22-04
The contractor is hereby notified that removal of any existing structures, utility poles, or other items on the project shall be scheduled subject to the approval of the Engineer. The contractor may be required to place temporary warning devices at certain locations where replacement features are not installed the same day during which any such removals take place.

GALILEO DRIVE TYPICAL SIDEWALK SECTION
N.T.S.



STA: 14+18.46 TO 19+94.72

TUPELO/ASH TYPICAL SIDEWALK SECTION
N.T.S.



STA: 0+00 TO 14+18.46

CONSTRUCTION SURVEY WILL BE PROVIDED BY MMS CONSULTANTS, INC. AND PAID FOR BY THE OWNER.

Sheet No. B.01	GENERAL NOTES AND TYPICAL SECTIONS
ASH/TUPELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-6495(603)-8T-82	1817 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 381-5222 www.mmsconsultants.net
Project No. 2245-043	CIVIL ENGINEER LAND PLANNER LAND SURVEYOR ENVIRONMENTAL SPECIALIST
Drawn By: JEB Approved By: LLSDLP Date: 10-24-2019	

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM CODE	ITEM	UNIT	TOTAL	AS BUILT QUANTITY
0010	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	400	
0020	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	400	
0030	2115-0100000	MODIFIED SUBBASE	CY	135	
0040	2123-7450020	SHOULDER FINISHING, EARTH	STA	34.89	
0050	2416-0100012	APRONS, CONCRETE, 12 IN. DIA.	EACH	1	
0060	2435-0251224	INTAKE, SW-512, 24 IN.	LF	23	
0070	2503-0114212	STORM SWR G-MAIN, TRENCHED, RCP 20000, 12"	SY	1009	
0080	2511-7526005	SIDEWALK, P.C. CONCRETE, 5 IN.	SF	70	
0090	2511-7528101	DETECTABLE WARNINGS	EACH	6	
0100	2518-6910000	SAFETY CLOSURE	LS	1	
0110	2528-8445110	TRAFFIC CONTROL	LS	1	
0120	2533-4980005	MOBILIZATION	SQ	270	
0130	2601-2639010	SOB	LF	1000	
0140	2602-0000020	STILT FENCE	LF	1000	
0150	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	1000	
0160	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	1000	
0170	2602-0010010	MOBILIZATION, EROSION CONTROL	EACH	2	

Drawn By: JEB	Project No. 2245-043	1917 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 351-8292 www.mmsconsultants.net	ESTIMATED PROJECT QUANTITIES	Sheet No. C-01
Approved By: LLSDLP	Project Name: ASH/TUPPELO PED/BIKE PAVING RIVERSIDE, IA			
Date: 10-21-2019				

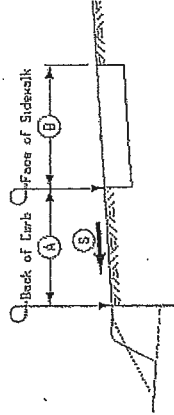
ESTIMATE REFERENCE INFORMATION

ITEM NO.	ITEM CODE	ITEM	UNIT	DESCRIPTION
0010	Z102-2710070	EXCAVATION, CLASS 1B, ROADWAY AND BORROW	CY	Item is for all necessary earthwork to establish the trail grade as shown on the plans. Estimated quantities are 107 CY raw cut and 183 CY raw fill. Quantity of 400 CY is for removal of soil as required to place topsoil from Item 0020. No payment will be made for overhaul. All excess excavation material shall become the property of the Contractor and shall be removed from the site by the Contractor.
0020	Z105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	Item includes furnishing and placing topsoil in sufficient quantity to provide a minimum depth of 4" in all areas to receive sod. This item is for replacement of material removed from site, as noted in Item 0010.
0030	Z115-6100000	MODIFIED SUBBASE	CY	Item is for rock base under PCC sidewalks. See typical sections.
0040	Z123-7450020	SHOULDER FINISHING, EARTH	STA.	Item is for earth backfill adjacent to sidewalk.
0050	Z416-0100012	APRONS, CONCRETE, 12 IN. DIA.	EACH	Refer to M Sheets for locations and storm sewer information
0060	Z435-0251224	INTAKE, 5M-512, 24 IN.	EACH	Refer to M Sheets for locations and storm sewer information
0070	Z503-0114212	STORM SRR G-WAIN, TRENCHED, RCP 2000D, 12"	LF	Refer to M Sheets for locations and storm sewer information
0080	Z511-7526005	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	Refer to tabulation on Sheet C.03. Item includes certified plant inspection to be provided by the contractor.
0090	Z511-7528101	DETECTABLE MARKINGS	SF	Detachable warning panels shall be modular and/or prefabricated composite polymer. Colors for polymer panels shall be Federal Brick Red #22144
0100	Z518-6910000	SAFETY CLOSURE	EACH	Item is for sidewalk closures. Refer to Tabulation 113-2 on Sheet C.03
0110	Z528-0445110	TRAFFIC CONTROL	LS	Item is for installation, maintenance and removal of temporary traffic control. Comply with current edition of the MUTCD as adopted by the Iowa DOT. Refer to Sheet A.02 for traffic control notes.
0120	Z533-4900005	MOBILIZATION	LS	Item includes preparatory work, operations performed, or cost incurred prior to beginning work of the various items on the project site.
0130	Z601-2630010	SOD	SQ	All disturbed areas shall be sodded.
0140	Z602-0000020	SILT FENCE	LF	Refer to R Sheets for locations. Estimated quantity includes filter sock around intakes for inlet protection.
0150	Z602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	Item is for removal of silt fence as shown on R Sheets.
0160	Z602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	Contractor shall clean out silt fence once 50% of the available capacity is reduced.
0170	Z602-0010010	MOBILIZATION, EROSION CONTROL	EACH	Item is for installation, construction, maintenance and removal of specified erosion control devices as shown on R Sheets.

Drawn By: JEB	Project No: 2245-043	CIVIL ENGINEER	1917 S. GILBERT ST.	Sheet No. C.02
Approved By: LLS/DLP	2245-043	LAND PLANNERS	IOWA CITY, IOWA 52240	ESTIMATE REFERENCE INFORMATION
Date: 10-01-2018		LANDSCAPE ARCHITECTS	(319) 381-6262	
		ENVIRONMENTAL SPECIALISTS	www.mmsconsultants.net	ASHUTUPELO PED/BIKE PAVING
				RIVERSIDE, IA
				TAP-R-6485(603)-8T-92

SIDEWALKS

See **W-220** and **S** Streets



Road Identification	Station to Station		Side	A	B	S	5" PCC Trail		5" PCC Sidewalk		8" PCC Trail		4" HWA Rec Trail		Detectable Warnings		Modified Subbase	Remarks
	Start	End					SY	SY	SY	SY	SY	SY	SF	CY				
ASH/TUPELO	0+00.00	1+37.00	Lt	VARIES	5	VARIES	75.2										30.0	
ASH/TUPELO	1+38.10	1+72.99	Lt	VARIES	5	VARIES	7.9										1.1	
ASH/TUPELO	1+99.50	2+94.88	Lt	VARIES	5	VARIES	53.4										7.1	
ASH/TUPELO	2+07.47	2+13.41	Rt	N/A	VARIES	N/A											0.7	
ASH/TUPELO	2+83.01	2+92.39	Rt	N/A	VARIES	N/A	7.3										1.0	
ASH/TUPELO	3+29.56	4+08.12	Lt	VARIES	5	VARIES	43.5										5.8	
ASH/TUPELO	3+33.48	3+38.48	Lt	N/A	VARIES	N/A	8.0										1.1	
ASH/TUPELO	4+21.61	4+65.48	Lt	VARIES	5	VARIES	18.8										2.5	
ASH/TUPELO	4+73.67	5+21.87	Lt	VARIES	5	VARIES	26.8										3.6	
ASH/TUPELO	5+44.64	6+91.07	Lt	VARIES	5	VARIES	81.2										10.8	
ASH/TUPELO	7+24.65	10+40.95	Lt	VARIES	5	VARIES	177.5										20	
ASH/TUPELO	10+74.67	13+53.53	Lt	VARIES	5	VARIES	161.4										21.5	
ASH/TUPELO	10+82.49	10+84.44	Rt	N/A	4	N/A	7.6										4.0	
GALILEO	14+23.88	19+99.35	Rt	8.50	5	4.17%	320.7										42.8	
GALILEO	100+03.00	100+31.84	Lt	N/A	5	N/A	14.5										1.9	

PEDESTRIAN PATH CLOSURES

Refer to TC-601.

*Assumes 6 foot wide barricade.
Closures may need to be removed and re-established.

Location	Side	Type III Barricades*	Remarks
Sta 0+00 Intersection of Blackberry and Ash	Center	1	
Sta 2+90 Sycamore Street South Side	R	1	
Sta 3+35 Sycamore Street North Side	R	1	
Sta 7+30 Buckeye Lane North Side	R	1	
Sta 10+80 Cherry Lane North Side	R	1	
Sta 20+00 Connection to Existing Sidewalk	Center	1	

Pedestrian Path Closures shall conform to Current ADA Requirements.

110-12
4-16-19

II. PROJECT SITE DESCRIPTION

- a. This Pollution Prevention Plan (PPP) is for the construction of a Pedestrian/Bicycle Facility.
 - b. This PPP covers approximately 0.25 acres with an estimated 0.25 acres being disturbed. The portion of the PPP covered by this contract has 0.25 acres disturbed.
 - c. The PPP is located in an area of 1 mile association (Clinton Hill Loom).
 - d. The estimated weighted average runoff coefficient number for this PPP after completion will be 0.88
- D. Storm Water Site Map** Multiple sources of information comprise the base storm water site map including:
1. Proposed Storm Water Cross Sections and R Sheets
 2. Areas of Soil Disturbance Construction limits shown on R sheets.
 3. Location of Structural Controls Tabulations in C sheets and locations shown on R sheets.
 4. Locations of Non-Structural Controls Tabulations in C sheets.
 5. Locations of Non-Structural Controls Project Location Map and R sheets.
 6. Surface Waters (Including Wetlands) Project Location Map and R sheets.
 7. Locations where Storm Water is Discharged R and M sheets.
- E. The base storm water site map is amended by contract modifications and progress payments (fieldbook entries) of completed erosion control work. Also, due to project phasing, erosion and sediment controls shown on project plans may not be installed until needed, based on site conditions. For example, silt fences ditch checks will typically not be installed until the ditch has been installed. Erosion and sediment controls also be modified from tabulation locations by field staff. Installed locations will be documented by fieldbook entries.**
- F. Runoff from this work will flow into an unnamed tributary of the English River.**

III. CONTROLS

1. EROSION AND SEDIMENT CONTROLS
 - a. Stabilization Practices
 - 1) Site plans will show those that existing vegetation or natural buffers are preserved where obtainable and disturbed portions initialize stabilization of disturbed areas immediately after clearing, grading, excavating, or other earth disturbing activities have:
 - 2) Permanently ceased on any portion of the site, or
 - 3) Temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days.
 - b. Staged permanent and/or temporary stabilizing seeding and mulching shall be completed on the disturbed areas as soon as possible and temporary stabilization practices to be used for this project are located in the Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C sheets. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation (105-4) in the C sheets.
 - c. Preservation of existing vegetation within right-of-way or easements will act as vegetative buffer strips.
 - d. Preservation of topsoil: Bid items to be used for this project are located in the Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C sheets. Additional information may be found in the Standard Road Plans Tabulations in the C or T sheets or is referenced in Section 2105 of Standard Specifications.
 - e. Structural Practices
 - 1) Structural practices will be implemented to divert flows from exposed soils and detain or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Additionally, structural practices may include: silt basins that provide 3500 cubic feet of storage per acre eroded or equivalent sediment controls, quiet structures that withdraw water from surges when discharging basins, and controls to direct flows to approved Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C sheets, as well as all other item specific structural practices to be used on this project.
 - 2) Structural Practices: Typical drawings detailing construction of the devices to be used on this project can be found in the B sheets or are referenced in the Standard Road Plans Tabulation (105-4) located in the C sheets.
 - f. Storm Water Management
 - 1) Measures shall be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. This may include velocity flow from structures to water sections and velocity flow from structures to water sections. If included with this project, these items are located in the Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C sheets, as well as all other item specific Tabulations. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation (105-4) in the C sheets. The installation of these devices may be subject to Section 404 of the Clean Water Act.

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POLLUTION PREVENTION PLAN

This project is regulated by the requirements of the Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) General Permit No. 2 OR, an Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) Storm Water permit. The Contractor shall carry out the terms and conditions of this permit and the Pollution Prevention Plan (PPP).

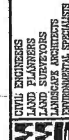
This Base PPP includes information on Roles and Responsibilities, Project Site Description, Controls, Maintenance Procedures, Inspection Requirements, Non-Storm Water Controls, Potential Sources of Off Right-of-Way Pollution, and Definitions. This plan references other documents rather than repeating the information contained in the documents. A copy of this Base Pollution Prevention Plan, amended as needed per plan revisions or by contract modification, will be readily available for review.

All contractors shall conduct their operations in a manner that controls pollutants, minimizes erosion, and prevents sediments from entering waters of the state and leaving the highway right-of-way. The prime contractor shall be responsible for compliance and implementation of the PPP for their entire contract. This responsibility shall be further shared with subcontractors whose work is a source of potential pollution as defined in this PPP.

I. ROLES AND RESPONSIBILITIES

- A. Designer:
 1. Prepare Base PPP included in the project plan.
 2. Submit the Base PPP (NOI) submitted to Iowa DNR.
 3. Is signature authority on the Base PPP.
- B. Contractor:
 1. Signs a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with this permit and Definitions.
 2. Designates a Water Pollution Control Manager (WPCM), who has the duties and responsibilities as defined in Section 2602 of the Standard Specifications.
 3. Submits an Erosion Control Implementation Plan (ECP) and ECP updates according to Section 2602 of the Standard Specifications, and maintains appropriate controls. This work may be subcontracted.
 4. Submits and implements the ECP with inspection staff. When Contractor is not mobilized on site.
 5. Contractor may designate this responsibility to a trained or certified subcontractor. Contracting Authority also may waive joint inspection requirement during winter shutdown. In both circumstances, WPCM (or trained or certified delegate from the Contractor) is still responsible to review and sign inspection reports.
 6. Contractor shall comply with training and certification requirements of Section 2602 of the Standard Specifications.
- C. Subcontractors:
 1. Sign a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP if responsible for sediment or erosion controls or involved in land disturbing activities. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.
 2. Implement good housekeeping practices.
 3. RCE/Project Engineer/Inspector/Inspector Manager.
 4. Takes actions necessary to ensure compliance with storm water requirements including, where appropriate, issuing stop work orders, and directing additional inspections at construction project sites that are experiencing problems with achieving permit compliance.
 5. Orders the taking of measures to cease, correct, prevent, or minimize the consequences of non-compliance with the storm water requirements of the permit.
 6. Subcontractors shall work necessary to meet storm water requirements at the Project, including work performed by contractors and subcontractors.
 7. Requires employees, contractors, and subcontractors to take appropriate responsive action to comply with storm water requirements, including requiring any such person to cease or correct a violation of storm water requirements, and to order or suspend work on the Project PPP and storm water site map.
 8. Is the point of contact for the Project for regulatory officials, Inspector, contractors, and subcontractors regarding storm water requirements.
 9. Is signature authority on Notice of Discontinuation.
- D. Inspector:
 1. Inspects the PPP whenever there is a change in design, construction, operation, or maintenance which has a significant effect on the discharge of pollutants from the project.
 2. Maintains an up-to-date record that identifies contractors and subcontractors as co-permittees.
 3. Makes these plans available to the DNR upon their request.
 4. Conducts joint required inspections of the site with the contractor/subcontractor.
 5. Completes an inspection report after each inspection.
 6. Is signature authority on storm water inspection reports.

1877 S. GILBERT ST
IOWA CITY IA 52245-0443
WWW.MMSCCONSULTANTS.NET



Project No.
2245-043

Drawn By: JEB
Approved By: LLS/DLP
Date: 10-21-2019

ASHUTPELO PED/BIKE PAVING
RIVERSIDE, IA
TAP-R-6495(603)-8T-92

POLLUTION PREVENTION PLAN
Sheet No.
C.04

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4-15-19

2. OTHER CONTROLS
 a. Contractor disposal of unused construction materials and construction material wastes shall comply with applicable state and local waste disposal, sanitary sewer, or septic system regulations. In the event of a conflict with other governmental laws, rules and regulations, the more restrictive applicable laws, rules or regulations shall apply.
 1) Vehicle Entrances and Exits - Construct and maintain entrances and exits to prevent tracking of sediments onto roadways.
 2) Material Delivery, Storage and Use - Implement practices to prevent discharge of construction materials during delivery, storage and use.
 3) Stockpile Management - Install controls to reduce or eliminate pollution of storm water from stockpiles of soil and paving.
 4) Waste disposal - Do not discharge any materials, including building materials, into waters of the state, except as authorized by a Section 404 permit.
 5) Spill Prevention and Control - Implement chemical spill and leak prevention and response procedures to contain and clean-up spills and prevent material discharges to the storm drain system and waters of the state.
 6) Fuel Management - Implement procedures to prevent fuel spills and leaks from equipment and fuel storage tanks. Do not allow fuel to adversely affect a water of the state. Designate temporary concrete washout facilities for use by equipment. Designated washout areas should be located at least 50 feet away from storm drains, streams or other water bodies. Care should be taken to ensure these facilities do not overflow during storm events.
 7) Concrete Spilling/Grinding Slurry - Do not discharge slurry to a waterbody or storm drain. Slurry may be applied on paved surfaces.
 8) Vehicle and Equipment Storage and Maintenance Areas - Perform on site fueling and maintenance in accordance with all environmental laws such as proper storage of onsite fuels and proper disposal of used engine oil or other fluids on site. Employ washing practices that prevent contamination of surface and ground water from wash water. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge.
 9) Alter Management - Ensure employees properly dispose of litter. Minimize exposure of trash to exposure to precipitation.
 10) Dewatering - Properly treat water to remove suspended sediment before it re-enters a waterbody or discharges off-site. Measures are also to be taken to prevent scour erosion at dewatering discharge point.

3. APPROVED STATE OR LOCAL PLANS
 During the course of this construction, it is possible that situations will arise where unknown materials will be encountered. When such situations are encountered, they will be handled according to all federal, state, and local regulations in effect at the time.

4. MAINTENANCE PROCEDURES
 The Contractor is required to maintain all temporary erosion and sediment control measures in proper working order, including cleaning, repairing, or replacing them throughout the contract period. This shall begin when the features have lost 50% of their capacity.

5. INSPECTION REQUIREMENTS
 A. Inspections shall be made jointly by the Contractor and the Contracting Authority at least once every seven calendar days. Storm water monitoring inspections will include:
 1. Storm water monitoring equipment.
 2. Sediment control measures.
 3. Name and qualifications of the personnel making the inspection.
 4. Review of erosion and sediment control measures within disturbed areas for the effectiveness in preventing impacts to receiving waters.
 5. Observations related to the implementation of the PPP.
 6. Identification of areas where erosion and sediment control measures are not working properly.
 7. Identification of areas where erosion and sediment control measures are not working properly.
 B. Inspections shall be made at least once every seven calendar days. Storm water monitoring inspections will include:
 1. Storm water monitoring equipment.
 2. Sediment control measures.
 3. Name and qualifications of the personnel making the inspection.
 4. Review of erosion and sediment control measures within disturbed areas for the effectiveness in preventing impacts to receiving waters.
 5. Observations related to the implementation of the PPP.
 6. Identification of areas where erosion and sediment control measures are not working properly.
 7. Identification of areas where erosion and sediment control measures are not working properly.

6. NON-STORM WATER DISCHARGES
 This includes subsurface drains (i.e. longitudinal and standard subdrains) and slope drains. The velocity of the discharge from these features may be controlled by the use of headwalls or blocks, Class A stone, erosion stone or other appropriate materials. This also includes unconfined groundwater from dewatering operations, which will be controlled as discussed in Section III of the PPP.

7. POTENTIAL SOURCES OF OFF RIGHT-OF-WAY (ROW) POLLUTION
 Silt, sediment, and other forms of pollution may be transported onto highway right-of-way (ROW) as a result of a storm event. Potential sources of pollution located outside highway ROW are beyond the control of this PPP. Pollution within highway ROW will be conveyed and controlled per this PPP.

110-12
4-16-19

VIII. DEFINITIONS
 A. Base PPP - Initial Pollution Prevention Plan.
 B. Amended PPP - May include Plan Revisions or Contract Modifications for new items, storm water monitoring inspection reports, and other items.
 C. IDR - Inspector's Daily Report of this contains the Inspector's daily diary and bid item postings.
 D. Controls - Methods, practices, or measures to minimize or prevent erosion, control sedimentation, control storm water, or minimize contaminants from other types of materials. Also called Best Management Practices (BMPs).
 E. Signature Authority - Representative authorized to sign various storm water documents.

CERTIFICATION STATEMENT
 I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted hereon is true and complete. I am under no obligation to submit information, including the possibility of fines and imprisonment for knowing violations, submitting false information, including the possibility of fines and imprisonment for knowing violations.

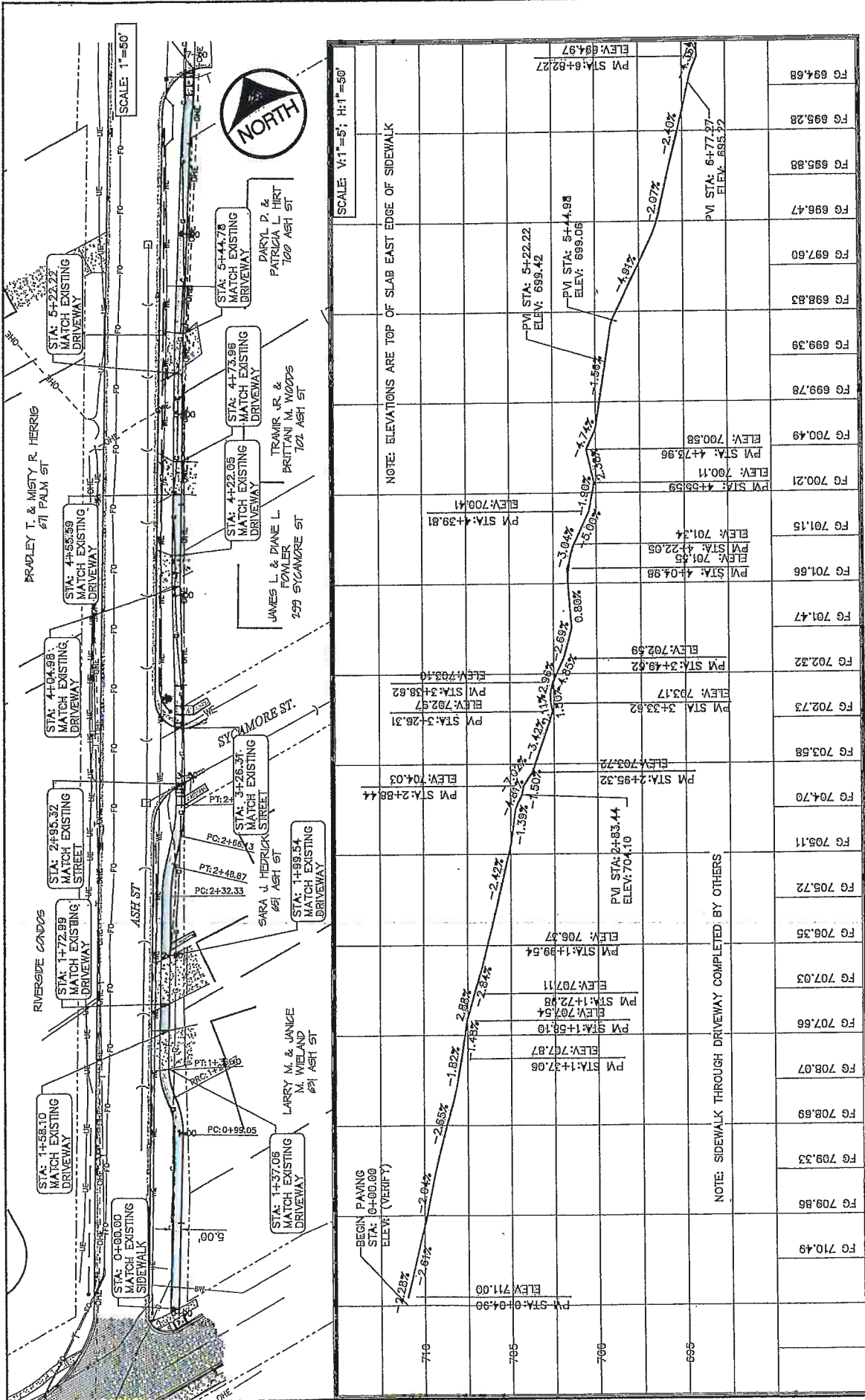
 Signature

 Printed or Typed Name

 Signature

 Printed or Typed Name

Drawn By: JEB	Project No. 2245-043	1817 S. GILBERT ST. IOWA CITY, IOWA 52240	POLLUTION PREVENTION PLAN	Sheet No. C.05
Approved By: LLS/DLP	2245-043	ASH/UTPELO PED/BIKE PAVING RIVERSIDE, IA		
Date: 10-21-2018		TAP-R-6495(603)-BT-92		
		www.mnmsconsultants.net		



NOTE: ELEVATIONS ARE TOP OF SLAB EAST EDGE OF SIDEWALK

ELEVATION	STATION	DESCRIPTION
710.49	FG 710.49	PM STA: 0+04.99
709.86	FG 709.86	PM STA: 1+37.06
708.07	FG 708.07	PM STA: 1+58.10
707.89	FG 707.89	PM STA: 1+72.89
707.56	FG 707.56	PM STA: 2+85.32
707.03	FG 707.03	PM STA: 4+04.98
706.35	FG 706.35	PM STA: 4+22.05
705.72	FG 705.72	PM STA: 4+39.82
704.70	FG 704.70	PM STA: 4+58.59
703.58	FG 703.58	PM STA: 4+73.96
702.73	FG 702.73	PM STA: 5+22.22
702.32	FG 702.32	PM STA: 5+44.78
701.86	FG 701.86	PM STA: 5+66.59
701.58	FG 701.58	PM STA: 5+88.40
701.15	FG 701.15	PM STA: 6+10.21
700.21	FG 700.21	PM STA: 6+32.02
700.49	FG 700.49	PM STA: 6+53.83
699.78	FG 699.78	PM STA: 6+75.64
699.39	FG 699.39	PM STA: 6+97.45
698.83	FG 698.83	PM STA: 7+19.26
697.60	FG 697.60	PM STA: 7+41.07
696.47	FG 696.47	PM STA: 7+62.88
695.88	FG 695.88	PM STA: 7+84.69
695.28	FG 695.28	PM STA: 8+06.50
694.68	FG 694.68	PM STA: 8+28.31

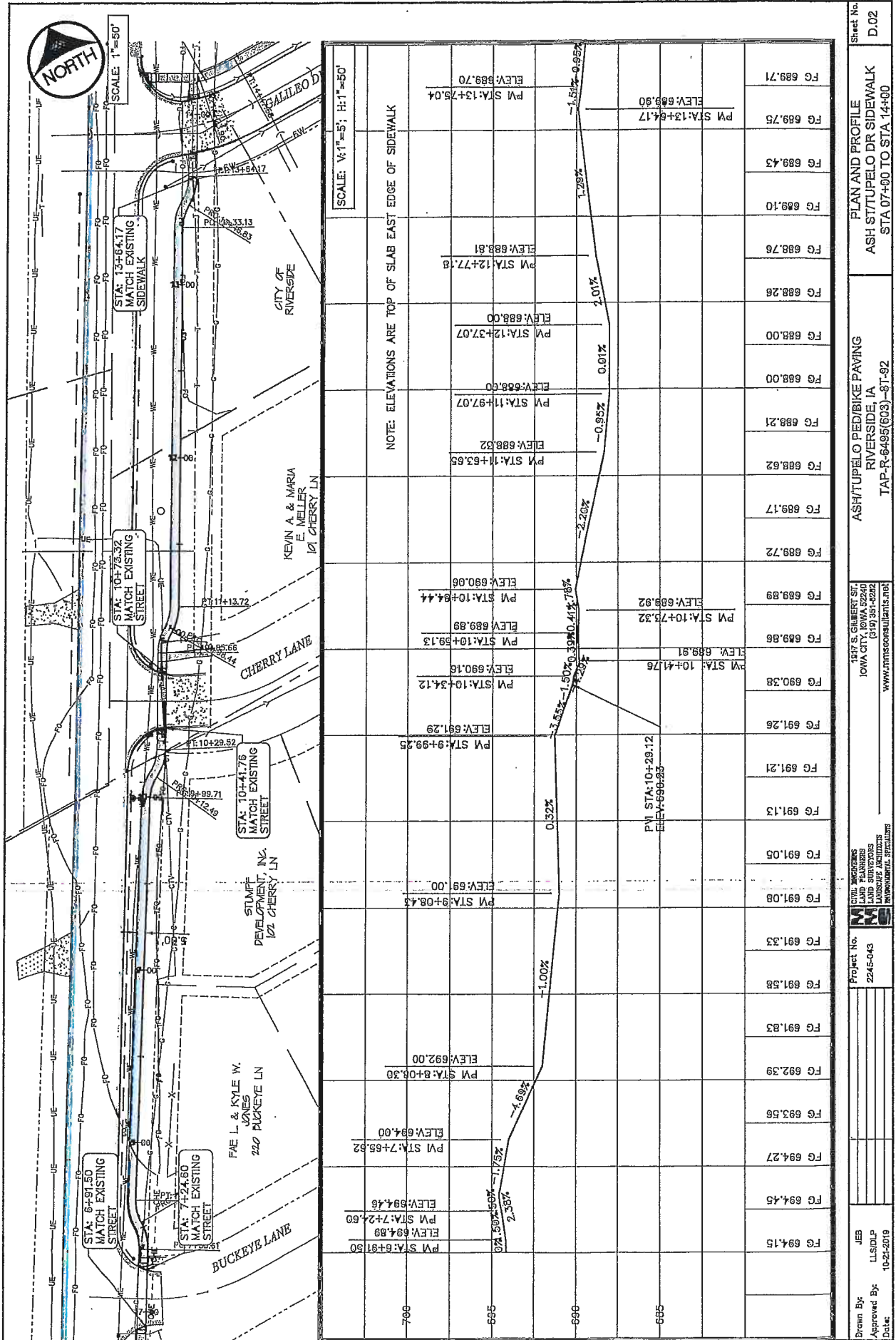
1817 S. GILBERT ST.
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CIVIL ENGINEERS
LAND PLANNERS
LANDSCAPE ARCHITECTS
EXPERIMENTAL SPECIALISTS

Project No. 2245-043

Drawn By: JEB
LS/DLP
Approved By: 10-21-2019
Date:

Sheet No. D.01
PLAN AND PROFILE
ASH ST/TUPEOLO DR SIDEWALK
STA 00+00 TO STA 07+00



SCALE: V:1"=5'; H:1"=50'

NOTE: ELEVATIONS ARE TOP OF SLAB EAST EDGE OF SIDEWALK

SCALE: 1"=50'

PLAN AND PROFILE
ASH ST/ TUPELO DR SIDEWALK
STA. 07+60 TO STA. 14+00

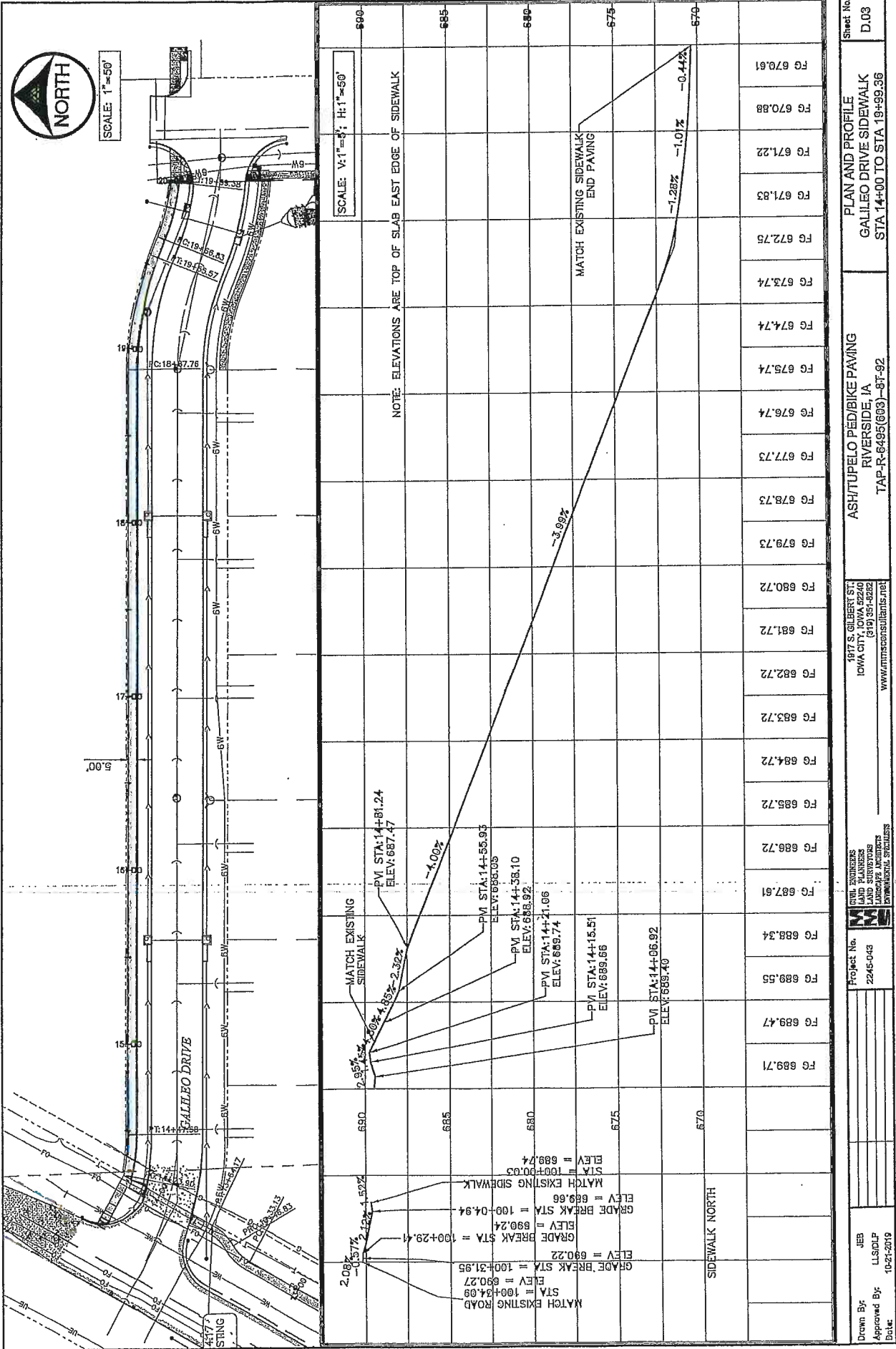
1977 S. GILBERT ST.
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10/21/2019

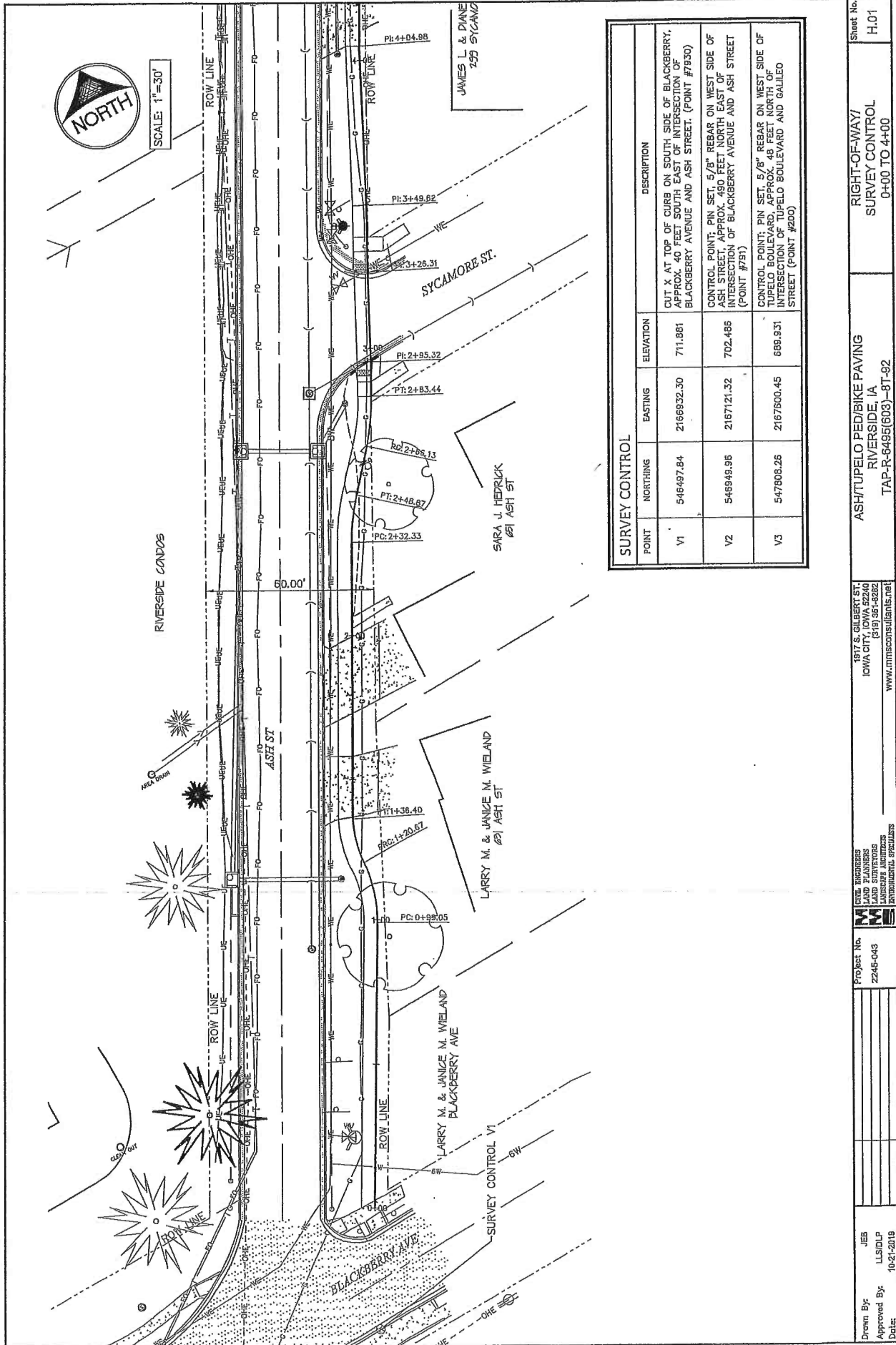
Project No. 2245-043

JEB
LLS/PLP

Drawn By: JEB
Approved By: LLS/PLP
Date: 10-21-2019



COUNCIL PACKET



SURVEY CONTROL			
POINT	NORTHING	EASTING	ELEVATION
V1	546497.84	2166932.30	711.881
V2	546849.95	2167121.32	702.486
V3	547808.26	2167800.45	689.931

DESCRIPTION

CUT X AT TOP OF CURB ON SOUTH SIDE OF BLACKBERRY, APPROX. 40 FEET SOUTH EAST OF INTERSECTION OF BLACKBERRY AVENUE AND ASH STREET. (POINT #790)

CONTROL POINT: PIN SET. 5/8" REBAR ON WEST SIDE OF ASH STREET APPROX. 100 FEET NORTH EAST OF INTERSECTION OF BLACKBERRY AVENUE AND ASH STREET (POINT #781)

CONTROL POINT: PIN SET. 5/8" REBAR ON WEST SIDE OF TUPELO BOULEVARD, APPROX. 48 FEET NORTH OF INTERSECTION OF TUPELO BOULEVARD AND GALILEO STREET (POINT #200)

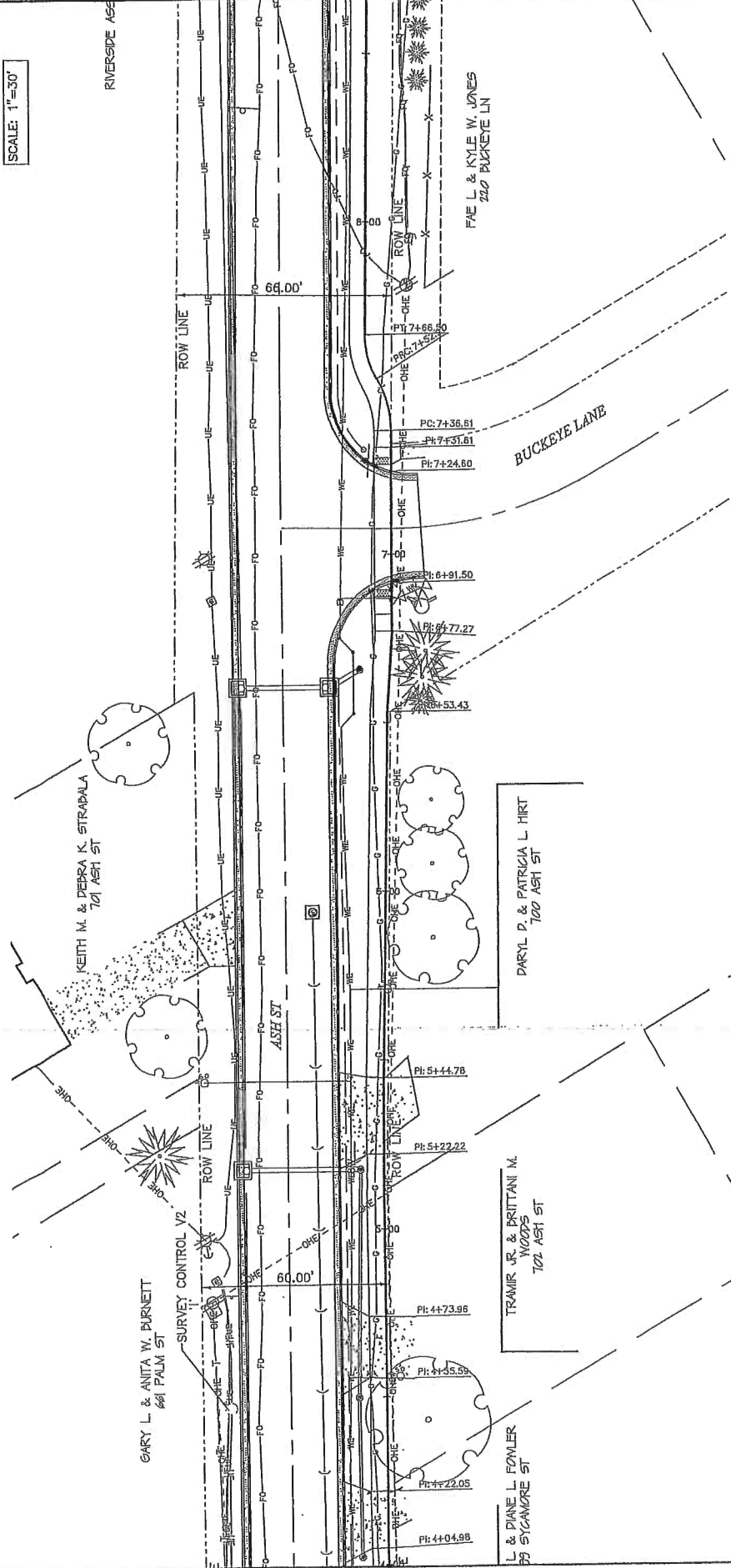
1817 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 361-8282 www.mmsconsultants.net	CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS CONSTRUCTION INSPECTORS PROFESSIONAL GEODETISTS	Project No. Z245-043	Sheet No. H.01
ASH/TUPELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-6495(603)-8T-92		RIGHT-OF-WAY/ SURVEY CONTROL 0+00 TO 4+00	
Drawn By: JEB ILS/DLP	Approved By: _____ Date: 10-21-2018		

COUNCIL PACKET

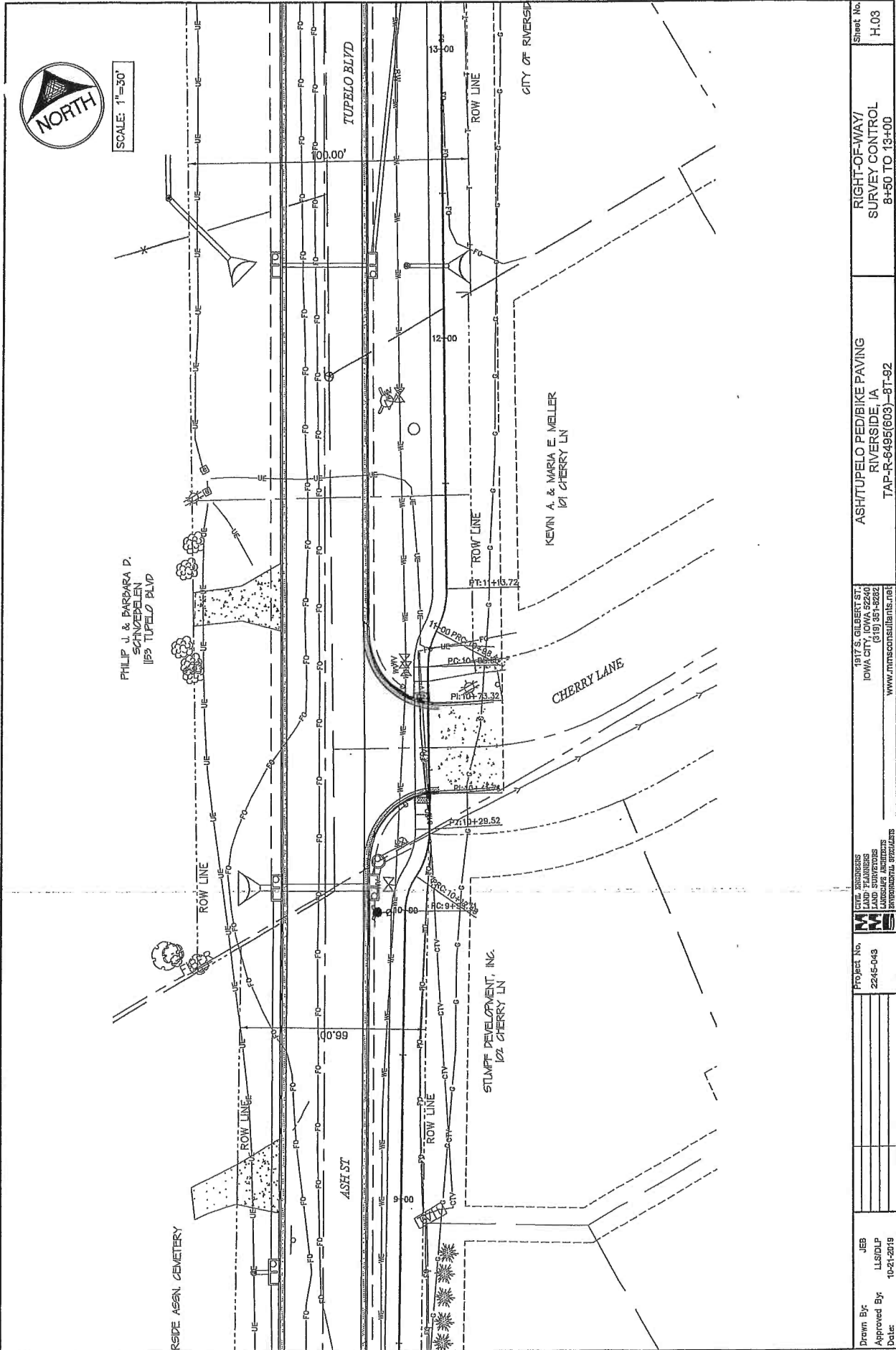


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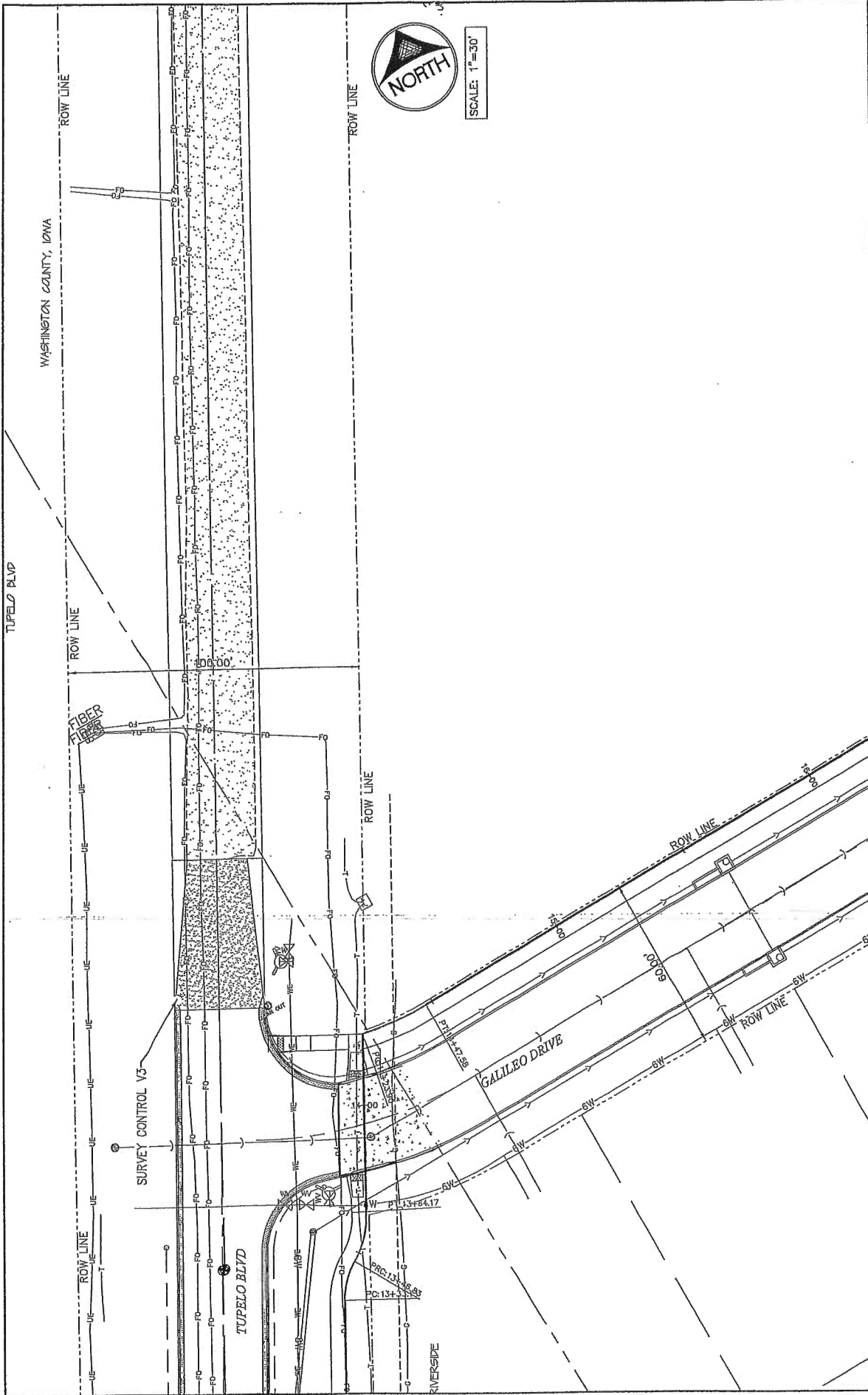
RIVERSIDE AVE



COUNCIL PACKET



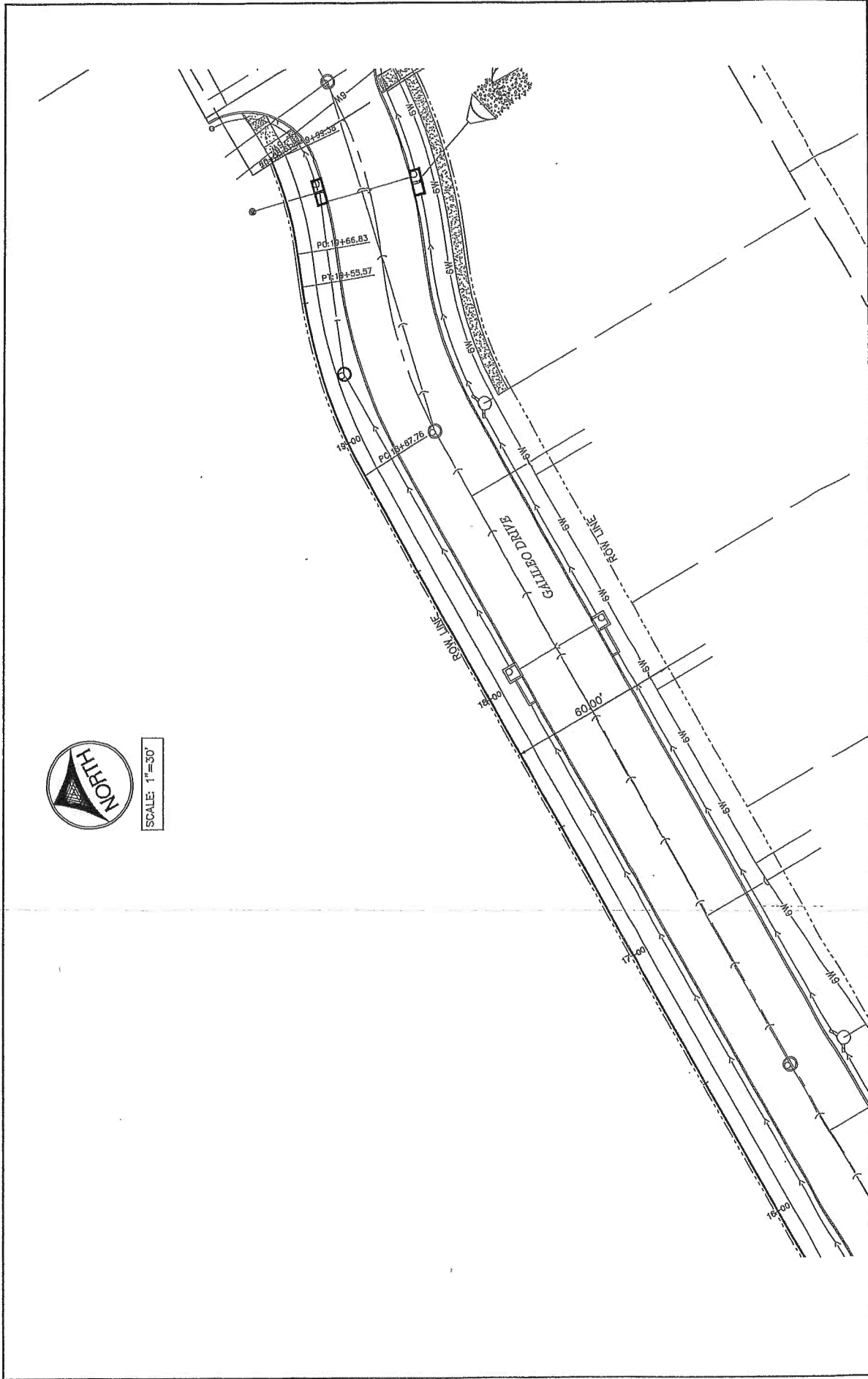
Drawn By: JEB Approved By: LLS/DLP Date: 10-21-2019	Project No. 2245-043	CITY ADDRESS LAND PLANNERS SURVEYORS LICENSED ARCHITECTS PROFESSIONAL ENGINEERS 1917 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 381-6222 www.rmsconsultants.net	RIGHT-OF-WAY/ SURVEY CONTROL 8+50 TO 13+00 ASH/TUPELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-6495(603)-8T-92
		Sheet No. H.03	



Drawn By: JEB	Project No. 2245-043	CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS ENVIRONMENTAL SPECIALISTS	1817 S. GILBERT ST. IOWA CITY 61913-3542 www.jmsconsultants.net	ASHTUPELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-6495(603)-BT-92	Sheet No. H.04
Approved By: LLSIDLP				RIGHT-OF-WAY/ SURVEY CONTROL 13+00 TO 16+00	
Date: 10-21-2018					

COUNCIL PACKET

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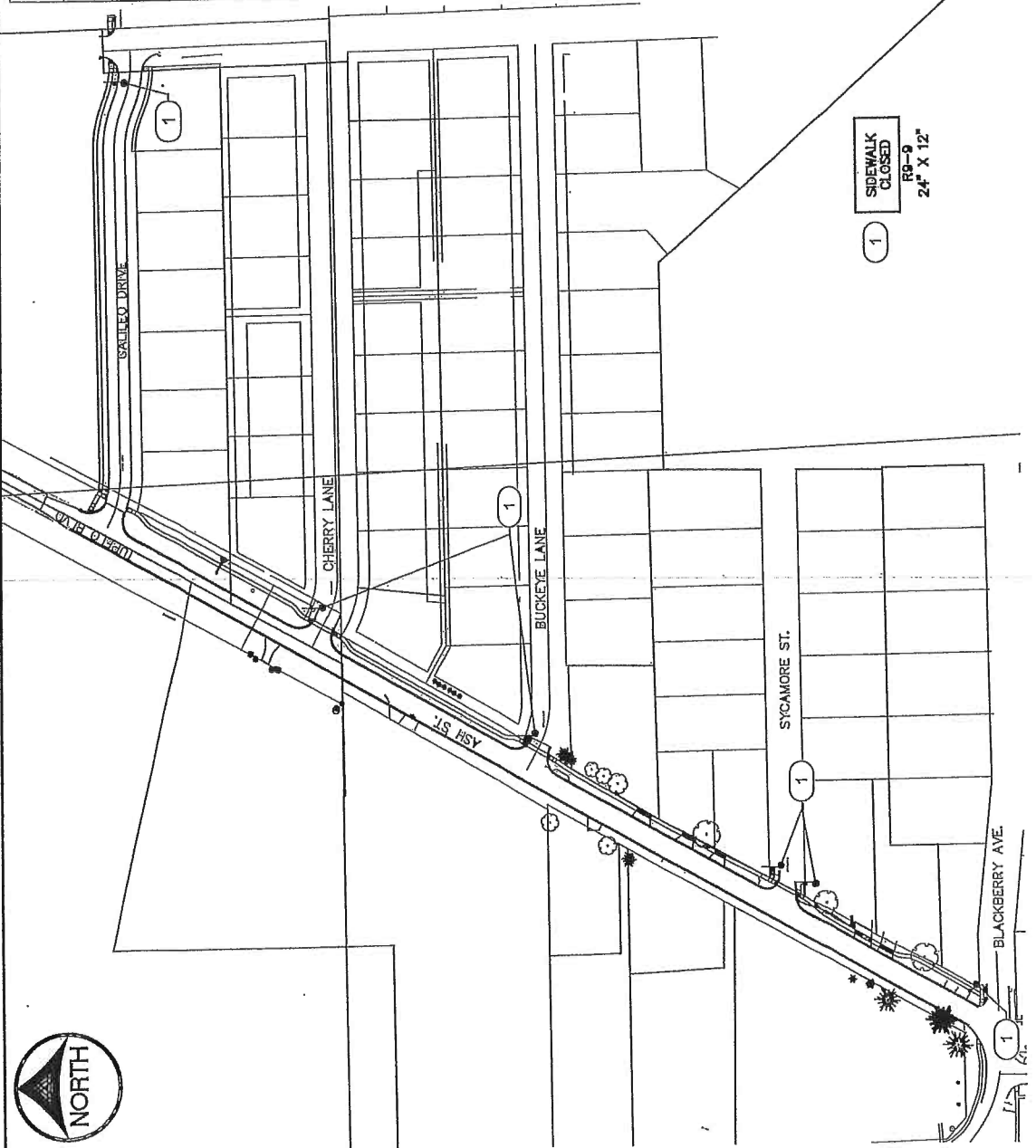
Drawn By: Approved By: Date:	JEB LLS/DLP 10-21-2019	Project No. 2245-043	CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS ENVIRONMENTAL SPECIALISTS	1917 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 351-6282 www.jmmsconsultants.net	ASHT/UPELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-8495(603)-8T-92	RIGHT-OF-WAY/ SURVEY CONTROL 16+00 TO 19+89.38	Sheet No. H.05
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108-23A
08-01-08

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL DEVICES, PROCEDURES, LAYOUTS, SIGNING, AND PAVEMENT MARKINGS INSTALLED WITHIN THE PROJECT LIMITS SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR. THE CITY OF RIVERSIDE WILL REMOVE AND REINSTALL PERMANENT SIGNAGE.
2. ALL TRAFFIC CONTROL SIGNS SHALL BE PLACED A MINIMUM OF 2 FEET CLEAR OF THE EDGE OF SHOULDER OR BACK OF CURB WHERE POSSIBLE.
3. CONTRACTOR SHALL MOUNT ALL WARNING SIGNS ON PERMANENT POSTS. PORTABLE MOUNTINGS FOR WARNING SIGNS MAY BE USED FOR TEMPORARY INSTALLATIONS OF LESS THAN 3 DAYS ONLY.
4. THE PROPOSED SIGNING MAY BE MODIFIED TO MEET FIELD CONDITIONS, PREVENT OBSTRUCTIONS AND TO ACCOMMODATE CONSTRUCTION SCHEDULING UPON APPROVAL BY THE CITY OF RIVERSIDE.
5. THE LOCATION FOR STORAGE OF EQUIPMENT BY THE CONTRACTOR DURING NON-WORKING HOURS SHALL BE AS APPROVED BY THE CITY OF RIVERSIDE, AND THE CONTRACTOR SHALL PROVIDE A WRITTEN AGREEMENT WITH THE PROPERTY OWNER CONCERNING STORAGE EQUIPMENT MAY BE STORED WITHIN THE RIGHT OF WAY INSIDE THE ROAD CLOSURE BARRICADES, BUT THE ACCESS TO ADJACENT PROPERTIES SHALL BE FREE OF CONTRACTORS EQUIPMENT DURING NON-WORKING HOURS.
6. CONTRACTOR SHALL CONFINE EQUIPMENT AND WORK TO CONSTRUCTION LIMITS AND RIGHT OF WAY.
7. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES ON RELOCATIONS AND/OR ADJUSTMENTS TO EXISTING UTILITIES WITHIN THE CORRIDOR.
8. THE CONTRACTOR SHALL PROVIDE ALL BARRICADES AND SIGNING REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD. THE PLANS SHALL NOT BE CONSIDERED A COMPLETE LISTING OF THE TRAFFIC CONTROL SIGNS FOR THE PROJECT.
9. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH IOWA DOT STANDARD ROAD PLAN TC-202. ANY LANE CLOSURES SHALL BE IN ACCORDANCE WITH IOWA DOT STANDARD ROAD PLAN TC-211.



Drawn By: JEB Approved By: LLS/DLP Date: 10-24-2019	Project No.: 2245-043	CITY ADDRESS: 1917 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 357-0220 www.mmsconsultants.net	SHEET NO.: J.01
ASH/UT/PELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-64/95(603)-8T-92		TRAFFIC CONTROL AND STAGING PLAN STA: 90+00 TO 19+99.36	

STORM SEWER CONSTRUCTION NOTES


WHERE PUBLIC UTILITY EXTURES ARE SHOWN AS EXISTING ON THE PLANS, OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THESE UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THOSE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THAT THERE MAY BE OTHER FACILITIES IN THE CONSTRUCTION AREA, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN HEREON. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION, AND TO AVOID DAMAGE THEREOF. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

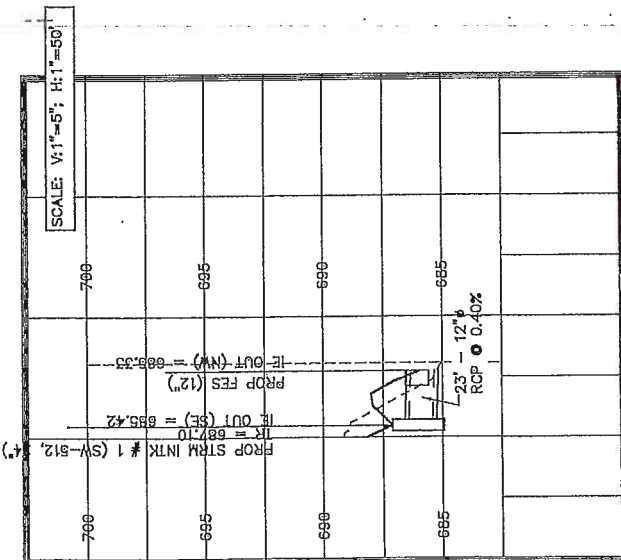
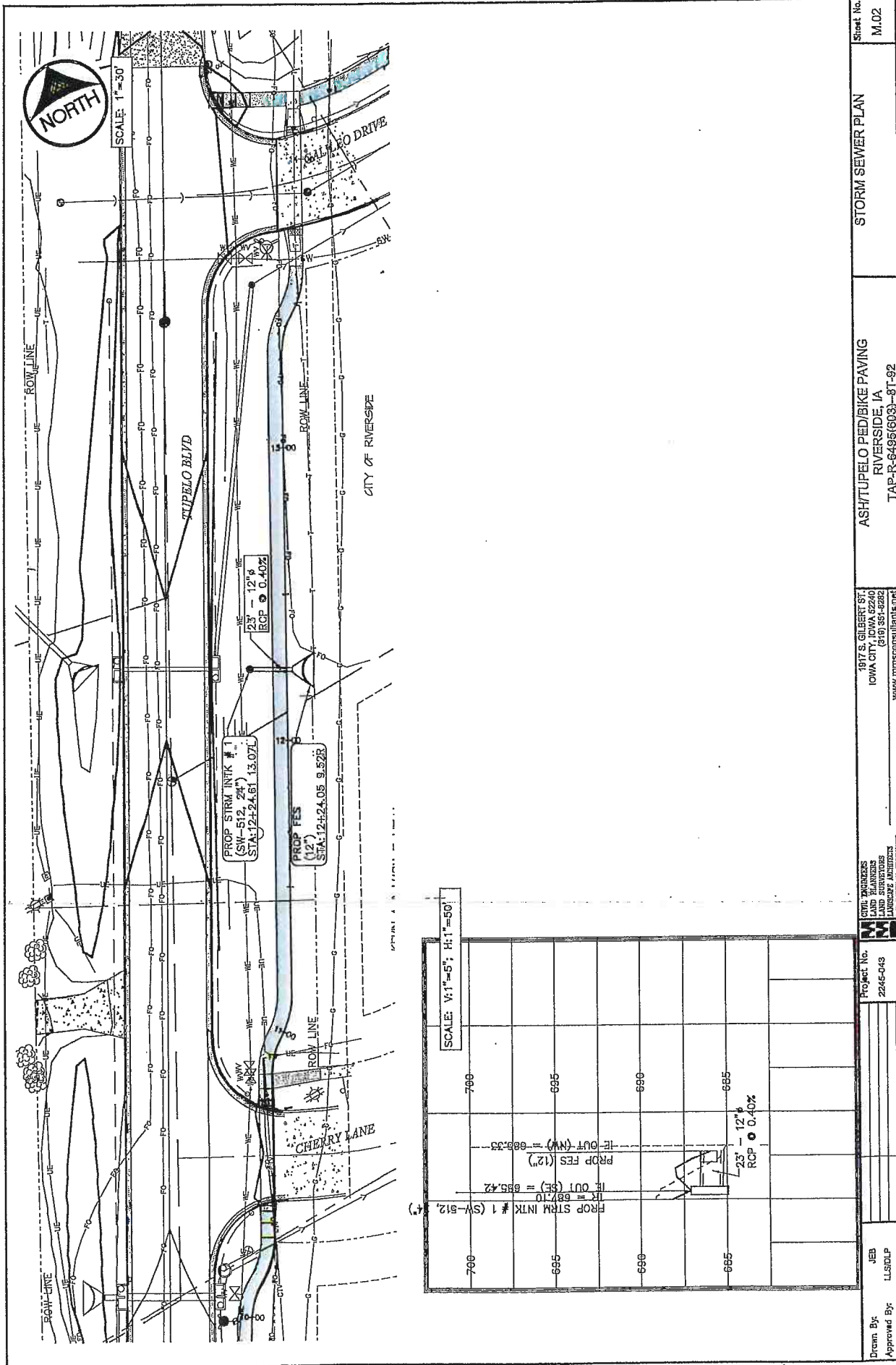
NOTES:

1. PIPE SHALL BE PLACED ON CRUSHED STONE MATERIAL.
2. BELL HOLES SHALL BE HAND SHAPED SO THAT ONLY PIPE BARREL RECEIVES BEARING PRESSURE.
3. PLACE BEDDING TO ENSURE THAT THERE ARE NO VOIDS UNDER OR ALONGSIDE THE LENGTH OF PIPE.
4. BACK FILL SHALL BE HAND TAMPED UP TO 12" ABOVE TOP OF PIPE.
5. SEE TABLE FOR ALLOWABLE TRENCH WIDTH B_d.

ID INCHES	B _d FEET & INCHES
12	2'-3"
16	2'-9"
18	3'-0"
21	3'-3"
24	3'-6"
30	4'-3"
36	4'-9"
42	5'-6"

- 1) CITY OF RIVERSIDE DESIGN AND CONSTRUCTION STANDARDS AND PROCEDURES SHALL PREVAIL.
- 2) ALL STORM SEWERS SHALL BE CLASS 3 RCP UNLESS NOTED OTHERWISE IN THE PLANS.
- 3) AT PLACES WHERE A FLARED END SECTION IS REQUIRED, PIPE LENGTH INCLUDES THE FLARED END, THE LAST TWO JOINTS ARE TO BE TIED WHERE FLARED END SECTIONS ARE REQUIRED.
- 4) ALL STORM SEWERS SHALL BE PROVIDED WITH CLASS R-1 BEDDING PER STANDARD ROAD PLAN SH-102, UNLESS NOTED OTHERWISE.
- 5) STORM SEWER TRENCHES UNDER OR WITHIN 3 FEET OF PAVING SHALL BE BACKFILLED WITH GRANULAR BACKFILL MATERIAL (POROUS BACKFILL, DOT GRADATION 29) UP TO THE BOTTOM OF THE MODIFIED SUBBASE BELOW PAVING. POROUS BACKFILL SHALL BE HYDRAULICALLY CONNECTED TO MODIFIED SUBBASE LAYER.
- 6) STORM SEWER TRENCHES OUTSIDE OF PAVING SHALL BE BACKFILLED WITH SUITABLE NATIVE MATERIAL COMPACTED TO 85% STANDARD PROCTOR DENSITY.
- 7) ALL STORM SEWERS SHALL HAVE TONGUE AND GROOVE JOINTS WRAPPED IN ENGINEERING FABRIC PER STANDARD ROAD PLAN SW-271.
- 8) ALL PIPE SHALL BE CERTIFIED.
- 9) ALL STORM INTAKES SHALL BE A MINIMUM OF 48 INCHES FROM TOP OF CURB/RIM TO SUBGRADE. IF INVERT ELEVATIONS ARE INSUFFICIENT TO PROVIDE THIS REQUIRED DEPTH, THE CONTRACTOR TO PROVIDE DEEPER STRUCTURE AND POUR CONCRETE FILLET IN INTAKE TO MAKE INTAKE PIPES DRAIN AT INVERT ELEVATIONS LISTED.
- 10) LIFT HOLES IN STORM SEWER WILL NOT BE ALLOWED.
- 11) PROVIDE CONCRETE FILLETS IN ALL NEW & EXISTING DRAINAGE STRUCTURES PER REFERENCED DETAILS.

Drawn By: JEB Approved By: LLS/DLP Date: 10-27-2019		Project No. 2245-048	1817 S. GILBERT ST. IOWA CITY, IOWA 52240 (515) 381-5282 www.jebconsultants.net	ASH/TUPELO PIED/BIKE PAVING RIVERSIDE, IA TAP-R-6495(603)-BT-92	Sheet No. M.01
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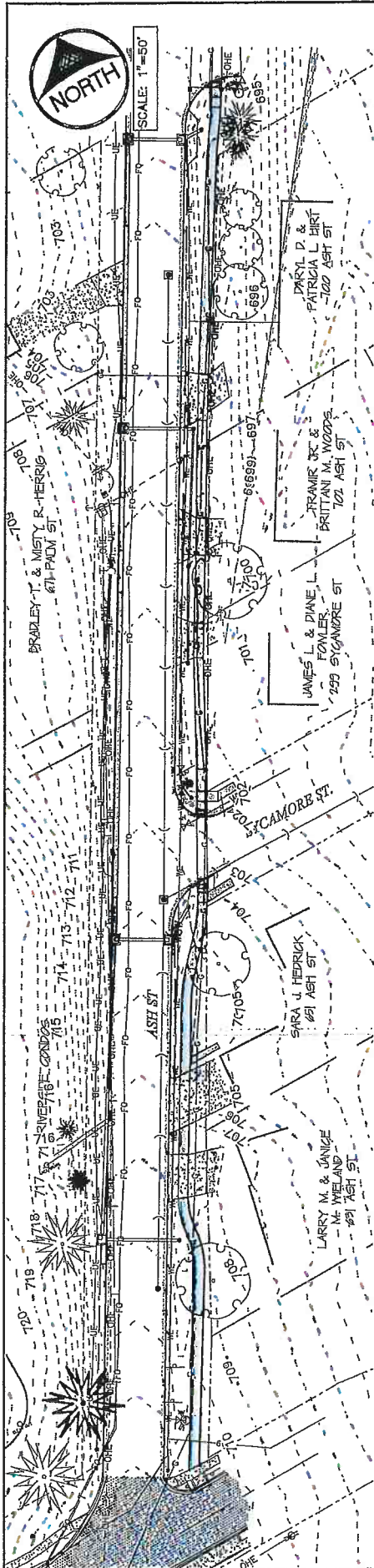
Drawn By: JEB
 LLS/DLP
 Approved By: 10-21-2019
 Date:

Project No.
 2245-043

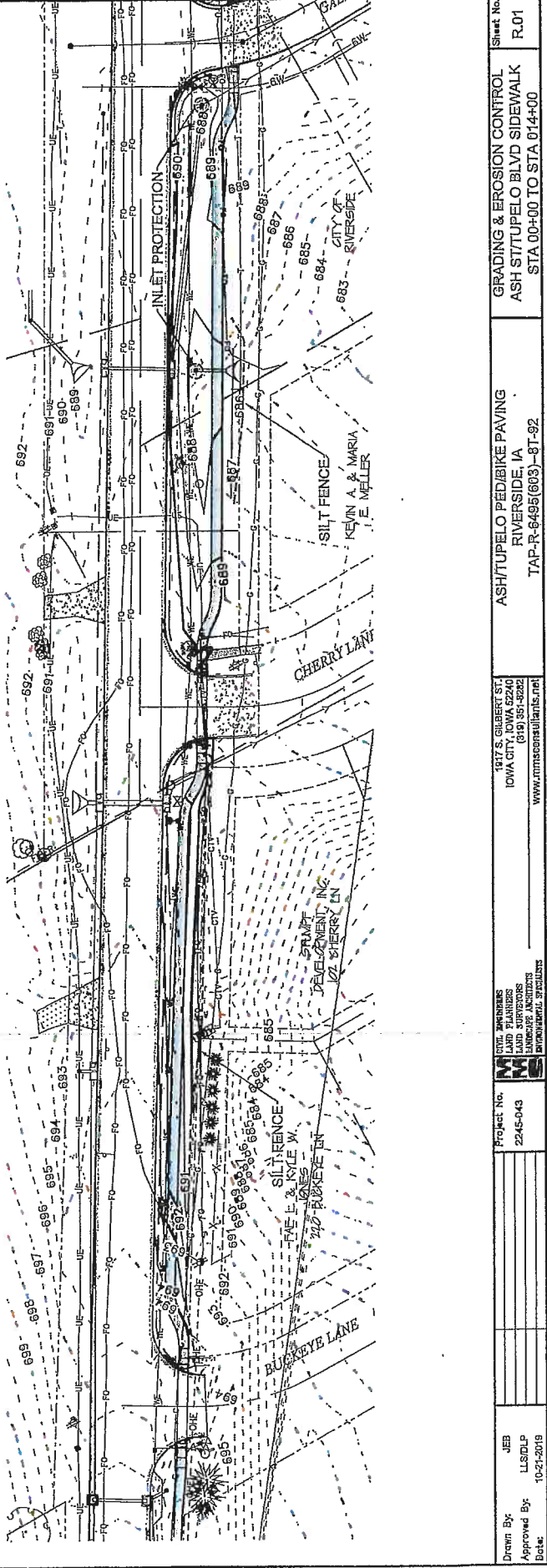
Civil Engineers
 LAND SURVEYORS
 LANDSCAPE ARCHITECTS
 ENVIRONMENTAL SPECIALISTS
M&M CONSULTANTS, INC.
 1817 S. GILBERT ST.
 IOWA CITY, IOWA 52242
 (319) 351-8282
 www.mmsconsultants.net

STORM SEWER PLAN
 ASH/TUPELO PED/BIKE PAVING
 RIVERSIDE, IA
 TAP-R-6496(603)-8T-92

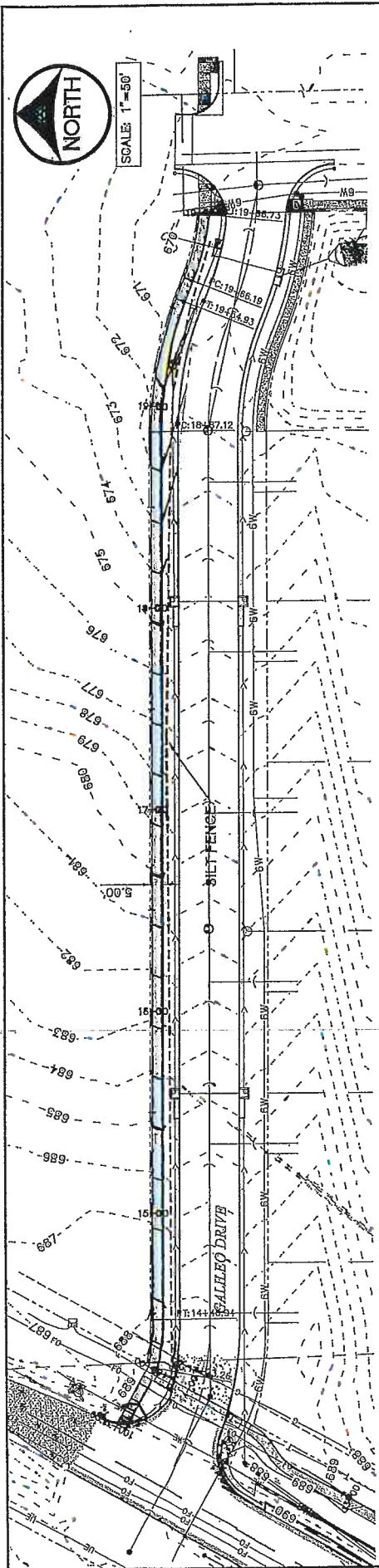
Sheet No.
 M.02



SCALE: 1"=50'



Drawn By: JEB Approved By: LLS/DLP Date: 10-21-2019	PROJECT NO.: 2245-0-43	CIVIL ENGINEERS LAND SURVEYORS PROFESSIONAL SEAL	1317 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 351-8222 www.mmsconsultants.net	ASHTUPELO PEB/BIKE PAVING RIVERSIDE, IA TAP-R-6495 (603)-87-92	SHEET NO.: R.01 GRADING & EROSION CONTROL ASH ST/TUPELO BLVD SIDEWALK STA 00+00 TO STA 074+00
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Sheet No.
R.02

GRADING & EROSION CONTROL
GALILEO DRIVE SIDEWALK
STA 14+00 TO STA 19+00.35

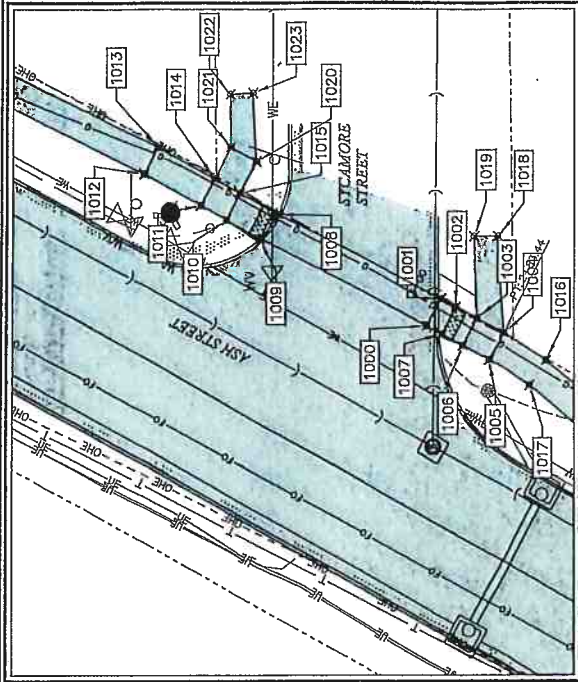
ASH/TUPELO PED/BIKE PAVING
RIVERSIDE, IA
TAP-R-6495(603)-BT-92

1417 S. GILBERT ST.
IOWA CITY, IOWA 52242
(319) 335-2220
www.mmcasinc.com



Project No.
224E-043

Drawn By:	JEB
Approved By:	LLSDLP
Date:	10-24-2019



ASH STREET & SYCAMORE STREET
SCALE: 1"=50'

Point	Station	Offset	Elevation	Alignment
1001	2+495.31	-0.00'	703.72	ASH
1002	2+492.46	-0.00'	703.26	ASH
1003	2+488.44	-0.00'	704.03	ASH
1004	2+483.44	-0.00'	704.10	ASH
1005	2+483.44	-5.00'	704.17	ASH
1006	2+480.44	-5.00'	704.10	ASH
1007	2+492.45	-5.00'	703.82	ASH
1008	3+205.32	-0.00'	702.97	ASH
1009	3+277.13	-5.00'	703.07	ASH
1010	3+335.62	-5.00'	703.10	ASH
1011	3+338.62	-5.00'	703.03	ASH
1012	3+449.78	-5.00'	702.52	ASH
1013	3+449.62	0.00'	702.59	ASH
1014	3+335.62	0.00'	703.10	ASH
1015	3+335.62	0.00'	703.17	ASH
1016	2+774.79	0.00'	704.52	ASH
1017	2+774.79	-5.00'	704.45	ASH
1018	2+81.95	13.54'	703.51	ASH
1019	2+85.34	11.72'	703.55	ASH
1020	3+335.62	5.95'	702.92	ASH
1021	3+335.62	5.95'	702.85	ASH
1022	3+42.87	13.59'	702.17	ASH
1023	3+335.65	15.85'	702.20	ASH

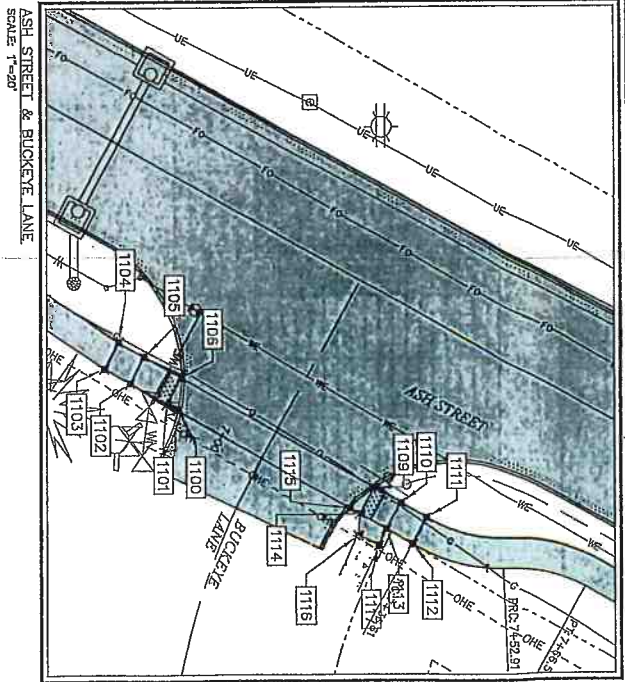
Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	* PCC Slope	Distance	Δ Elevation	Slope	Legally Acceptable Range	Difference between Designed Slope and Maximum Legally Acceptable Range	Acceptable Constructed Range	Pos. or Neg.	Does Designer need to obtain design approval on this from Municipal Engineer?	Staking Required on this from Municipal Engineer?	Measured Slope	Indicate	Remarks
1001	2+495.31	-0.00'	703.72	1002	Ramp Running Slope	0.00%	2.80	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1002	2+492.46	-0.00'	703.26	1003	Ramp Running Slope	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1003	2+488.44	-0.00'	704.03	1004	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1004	2+483.44	-0.00'	704.10	1005	Landmark/Turning Space	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1005	2+483.44	-5.00'	704.17	1006	Landmark/Turning Space	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1006	2+480.44	-5.00'	704.10	1007	Ramp Running Slope	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1007	2+492.45	-5.00'	703.82	1008	Ramp Running Slope	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1008	3+205.32	-0.00'	702.97	1009	Ramp Running Slope	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1009	3+277.13	-5.00'	703.07	1010	Crosswalk Cross Slope - Yield Condition	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1010	3+335.62	-5.00'	703.10	1011	Ramp Running Slope	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1011	3+338.62	-5.00'	703.03	1012	Ramp Running Slope	0.00%	5.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1012	3+449.78	-5.00'	702.52	1013	Ramp Running Slope	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1013	3+449.62	0.00'	702.59	1014	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1014	3+335.62	0.00'	703.10	1015	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1015	3+335.62	0.00'	703.17	1016	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1016	2+774.79	0.00'	704.52	1017	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1017	2+774.79	-5.00'	704.45	1018	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1018	2+81.95	13.54'	703.51	1019	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1019	2+85.34	11.72'	703.55	1020	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1020	3+335.62	5.95'	702.92	1021	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1021	3+335.62	5.95'	702.85	1022	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1022	3+42.87	13.59'	702.17	1023	Landmark/Turning Space	0.00%	4.00	0.00	0.00%	0.00% to 2.00%	0.00%	0.00% to 2.00%	Pos.	Yes	Yes	0.00%		
1023	3+335.65	15.85'	702.20															

*POINTS HIGHLIGHTED ARE "SLOPE REQUIRED TO MATCH EXISTING CONDITIONS"

Drawn By: JEB	Project No. 2245-043	1977 S. GILBERT ST. IOWA CITY, IOWA 52240 (319) 381-5222 www.rjmcconsultants.net	Sheet No. S.01
Approved By: LLS/DLP			
Date: 10-21-2019			
		ASH/TUPELO PED/BIKE PAVING RIVERSIDE, IA TAP-R-6495(603)-8T-82	SIDEWALK AND INTERSECTION DETAILS: ASH STREET & SYCAMORE STREET

COUNCIL PACKET

Point	Station	Offset	Elevation	Alignment
1100	6+91.50	0.00'	694.89	ASH
1101	6+89.41	-0.00'	694.97	ASH
1102	6+82.27	0.00'	695.15	ASH
1103	6+77.27	0.00'	695.22	ASH
1104	6+76.38	-5.00'	695.15	ASH
1105	6+82.27	-5.00'	695.08	ASH
1106	6+89.41	-5.00'	695.04	ASH
1109	7+26.53	-5.00'	694.53	ASH
1110	7+31.53	-5.00'	694.60	ASH
1111	7+36.53	-5.00'	694.58	ASH
1112	7+36.61	-0.00'	694.30	ASH
1113	7+31.61	0.00'	694.53	ASH
1114	7+26.61	0.00'	694.46	ASH
1115	7+24.60	0.00'	694.46	ASH
1116	7+28.06	3.18'	694.41	ASH
1117	7+31.85	3.02'	694.37	ASH



Point	Station	Offset	Elevation	Alignment	Slope	Distance	Δ Elevation	Slope	Legal	Difference	Acceptable	Does Designer	Staking	Initials	Remarks
1100	6+91.50	0.00'	694.89	ASH	0.00%	0.00	0.00	0.00%	Yes	0.00	0.00	Yes			
1101	6+89.41	-0.00'	694.97	ASH	0.00%	2.00	0.08	0.00%	Yes	0.00	0.00	Yes			
1102	6+82.27	0.00'	695.15	ASH	0.00%	7.14	0.18	0.00%	Yes	0.00	0.00	Yes			
1103	6+77.27	0.00'	695.22	ASH	0.00%	5.00	0.07	0.00%	Yes	0.00	0.00	Yes			
1104	6+76.38	-5.00'	695.15	ASH	-1.43%	0.89	-0.07	-1.43%	Yes	0.00	0.00	Yes			
1105	6+82.27	-5.00'	695.08	ASH	-1.43%	5.89	-0.07	-1.43%	Yes	0.00	0.00	Yes			
1106	6+89.41	-5.00'	695.04	ASH	-1.43%	7.14	-0.04	-1.43%	Yes	0.00	0.00	Yes			
1109	7+26.53	-5.00'	694.53	ASH	-1.43%	5.00	-0.07	-1.43%	Yes	0.00	0.00	Yes			
1110	7+31.53	-5.00'	694.60	ASH	-1.43%	5.00	-0.07	-1.43%	Yes	0.00	0.00	Yes			
1111	7+36.53	-5.00'	694.58	ASH	-1.43%	5.00	-0.02	-1.43%	Yes	0.00	0.00	Yes			
1112	7+36.61	-0.00'	694.30	ASH	0.00%	0.00	0.00	0.00%	Yes	0.00	0.00	Yes			
1113	7+31.61	0.00'	694.53	ASH	0.00%	5.00	0.23	0.00%	Yes	0.00	0.00	Yes			
1114	7+26.61	0.00'	694.46	ASH	0.00%	5.00	-0.07	0.00%	Yes	0.00	0.00	Yes			
1115	7+24.60	0.00'	694.46	ASH	0.00%	2.00	0.00	0.00%	Yes	0.00	0.00	Yes			
1116	7+28.06	3.18'	694.41	ASH	0.00%	3.46	0.00	0.00%	Yes	0.00	0.00	Yes			
1117	7+31.85	3.02'	694.37	ASH	0.00%	3.39	-0.04	0.00%	Yes	0.00	0.00	Yes			

Drawn By: JEB
 Approved By: LLS/PLP
 Date: 10-21-2019

Project No.: 22-45-0-43

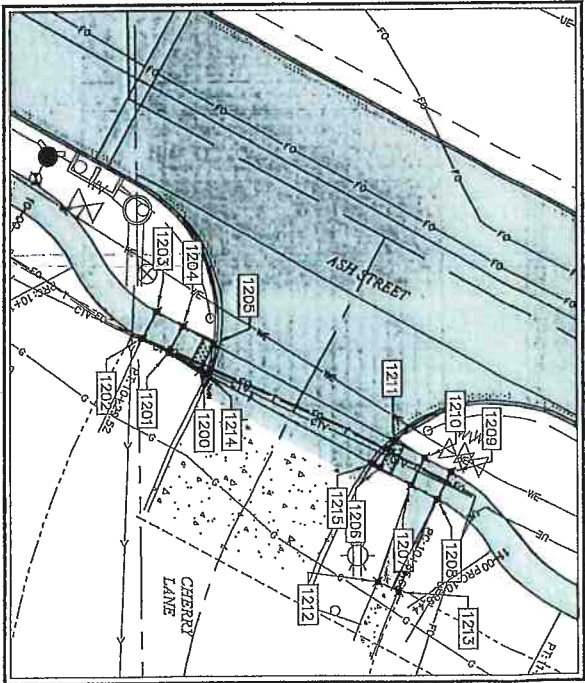
1977 S. GILBERT ST.
 IOWA CITY, IA 52242
 (319) 381-4832
 www.rmmconcrete.com

ASH/TUPPELO PED/BIKE PAVING
 RIVERSIDE, IA
 TAP-R-6495(603)-8T-92

SIDEWALK AND
 INTERSECTION DETAILS:
 ASH STREET & BUCKEYE LANE

Sheet No.: S.02

Point	Station	Offset	Elevation	Alignment
1200	10+40.52	0.00'	689.94	ASH
1201	10+34.52	0.00'	690.16	ASH
1202	10+29.52	0.00'	690.23	ASH
1203	10+24.52	-5.00'	690.31	ASH
1204	10+19.52	-5.00'	690.23	ASH
1205	10+14.52	-5.00'	690.01	ASH
1206	10+9.52	-0.00'	689.93	ASH
1207	10+80.66	0.00'	689.99	ASH
1208	10+85.66	0.00'	690.06	ASH
1209	10+85.66	-5.00'	690.99	ASH
1210	10+80.66	-5.00'	690.06	ASH
1211	10+74.66	-5.00'	690.00	ASH
1212	10+69.23	16.80'	689.78	ASH
1213	10+60.03	16.49'	689.81	ASH
1214	10+41.76	0.00'	689.81	ASH
1215	10+73.32	0.00'	689.92	ASH

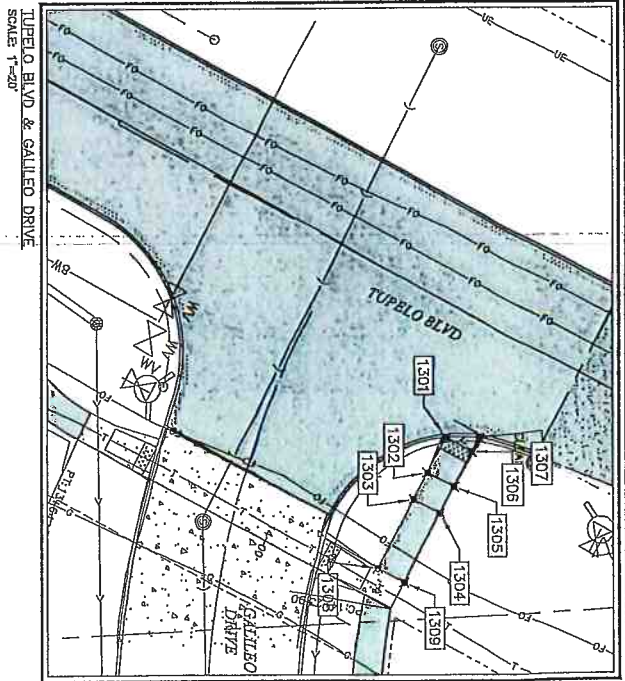


ASH STREET & CHERRY LANE
SCALE: 1"=20'


Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	" PCC Sidewalk	Distance	Elevation	Slope	Legally Acceptable Range	Difference between designed Slope and Maximum Legally Acceptable Range	Acceptable Constructed Range	Does Designer need to obtain final approval from Method's Engineer?	Staking Required on this Slope?	Remarks
1200	10+40.52	0.00'	689.94	1200	Ramp Cross Slope	6	5.00	689.94	-1.42%	0.5% to 2.0%	0.43%	0.5% to 2.0%	Yes		
1201	10+34.52	0.00'	690.16	1201	Ramp Running Slope	6	6.00	690.16	3.72%	0.5% to 2.0%	0.66%	0.5% to 2.0%	Yes		
1202	10+29.52	0.00'	690.23	1202	Sidewalk Cross Slope	6	5.00	690.23	1.42%	0.5% to 2.0%	0.93%	0.5% to 2.0%	Yes		
1203	10+24.52	-5.00'	690.31	1203	Landfill/Turning Space	4	5.00	690.31	1.05%	0.5% to 2.0%	0.26%	0.5% to 2.0%	Yes		
1204	10+19.52	-5.00'	690.23	1204	Landfill/Turning Space	4	5.00	690.23	1.05%	0.5% to 2.0%	0.26%	0.5% to 2.0%	Yes		
1205	10+14.52	-5.00'	690.01	1205	Landfill/Turning Space	4	5.00	690.01	1.05%	0.5% to 2.0%	0.26%	0.5% to 2.0%	Yes		
1206	10+9.52	-0.00'	689.93	1206	Ramp Running Slope	6	5.00	689.93	-1.42%	0.5% to 2.0%	0.93%	0.5% to 2.0%	Yes		
1207	10+80.66	0.00'	689.99	1207	Ramp Running Slope	6	5.00	689.99	-1.42%	0.5% to 2.0%	0.93%	0.5% to 2.0%	Yes		
1208	10+85.66	0.00'	690.06	1208	Ramp Running Slope	6	5.00	690.06	-1.42%	0.5% to 2.0%	0.93%	0.5% to 2.0%	Yes		
1209	10+85.66	-5.00'	690.99	1209	Sidewalk Running Slope	4	5.00	690.99	1.42%	0.5% to 2.0%	0.56%	0.5% to 2.0%	Yes		
1210	10+80.66	-5.00'	690.06	1210	Sidewalk Running Slope	4	5.00	690.06	1.42%	0.5% to 2.0%	0.56%	0.5% to 2.0%	Yes		
1211	10+74.66	-5.00'	690.00	1211	Sidewalk Running Slope	4	5.00	690.00	1.42%	0.5% to 2.0%	0.56%	0.5% to 2.0%	Yes		
1212	10+69.23	16.80'	689.78	1212	Sidewalk Running Slope	4	16.58	689.78	-1.52%	0.5% to 5.0%	1.33%	0.5% to 5.0%	Yes		
1213	10+60.03	16.49'	689.81	1213	Sidewalk Running Slope	4	16.58	689.81	-1.52%	0.5% to 5.0%	1.33%	0.5% to 5.0%	Yes		
1214	10+41.76	0.00'	689.81	1214	Sidewalk Running Slope	4	16.58	689.81	-1.52%	0.5% to 5.0%	1.33%	0.5% to 5.0%	Yes		
1215	10+73.32	0.00'	689.92	1215	Sidewalk Running Slope	4	16.58	689.92	-1.52%	0.5% to 5.0%	1.33%	0.5% to 5.0%	Yes		

Drawn By: JEB
 Approved By: LLS/DP
 Date: 10-27-2018
 Project No: 2245-043
 CIVIL ENGINEERS
 LAND PLANNERS
 LAND SURVEYORS
 PROFESSIONAL SEAL
 1817 S. GALEBERT ST.
 IOWA CITY, IOWA 52240
 (319) 381-8282
 www.mmsconsultants.com
 ASHTUPELO PED/BIKE PAVING
 RIVERSIDE IA
 TAP-R-6498(603)-81-82
 SIDEWALK AND
 INTERSECTION DETAILS:
 ASH STREET & CHERRY LANE
 Sheet No. S.03

Point	Station	Offset	Elevation	Alignment
1301	14+48.87	-29.37'	690.31	ASH
1302	14+48.87	-22.84'	689.12	ASH
1303	14+48.87	-17.84'	690.05	ASH
1304	14+23.87	-17.34'	689.98	ASH
1305	14+23.90	-22.34'	690.05	ASH
1306	14+23.87	-29.37'	690.24	ASH
1307	14+23.86	-31.96'	690.22	ASH
1308	14+48.88	-4.95'	688.59	ASH
1309	14+23.88	-4.92'	689.74	ASH



Point	Station	Offset	Elevation	Point to Point	Sidewalk Designation	"PCC Sidewalk"	Distance/ft	Elevation	Slope	Legally Acceptable Range	Difference between Designed Slope and Maxing Legally	Acceptable Constructed Range	Does Designer need to obtain design approval from Method's Engineer?	Staking Required on this Slope?	Measured Slope	Initials
1301	14+01.87	-3.17'	690.11	1306	Ramp Running Slope	2	6.58	0.02	0.8%	0.5% to 1.1%	7.5%	0.5% to 8.5%				
1302	14+01.87	-3.17'	690.12	1305	Ramp Cross Slope	5	5.00	0.07	1.4%	0.5% to 1.1%	0.1%	0.5% to 2.0%				
1303	14+01.87	-3.17'	690.06	1304	Ramp Running Slope	6	6.53	-0.28	-1.1%	0.5% to 1.1%	5.2%	0.5% to 8.5%				
1304	14+02.90	-2.17'	690.06	1303	Ramp Running Slope	4	5.03	-0.06	-1.2%	0.5% to 1.1%	3.4%	0.5% to 5.0%				
1305	14+02.90	-2.17'	690.04	1302	Sidewalk Running Slope	4	5.00	-0.06	-1.2%	0.5% to 1.1%	0.6%	0.5% to 2.0%				
1306	14+02.90	-2.17'	690.24	1301	Sidewalk Running Slope	4	5.00	-0.07	-1.4%	0.5% to 1.1%	0.6%	0.5% to 2.0%				
1307	14+23.86	-31.96'	690.22	1306	Sidewalk Running Slope	4	12.92	-0.24	-1.9%	0.5% to 1.1%	3.1%	0.5% to 5.0%				
1308	14+48.88	-4.95'	688.59	1307	Ramp Running Slope	6	5.00	-0.24	-1.9%	0.5% to 1.1%	5.1%	0.5% to 8.5%				
1309	14+23.88	-4.92'	689.74	1308	Crosswalk Cross Slope - VEGIT CONDITION	6	12.89	0.46	3.6%	0.5% to 1.1%	-1.0%	0.0% to 4.0%	YES			
	1302	1302	1301	1301	Sidewalk Running Slope	4	6.55	0.07	1.0%	0.5% to 1.1%	2.8%	0.5% to 5.0%				

Drawn By: JEB
 Approved By: LSLDLP
 Date: 10-24-2019
 Project No: 2245-043

 Environmental Services, Inc.
 187 S. GILBERT ST.
 IOWA CITY, IOWA 52240
 (319) 381-8282
 www.environmentalservices.net
 ASH/TUPELO PED/BIKE PAVING
 RIVERSIDE, IA
 TAP-R-6495(603)-87-82
 SIDEWALK AND INTERSECTION DETAILS:
 TUPELO BLVD & GALILEO DRIVE
 Sheet No: S.04

RESOLUTION #1142019-01

**RESOLUTION TO ENTER INTO CONTRACT WITH JOHNSON
COUNTY REFUSE FOR SOLID WASTE SERVICES FOR A
FIVE YEAR CONTRACT**

WHEREAS, the City Council of Riverside, Iowa, has chosen to exercise its option to renew the contract with Johnson County Refuse for collection of solid waste for the City for three years. This new contract will begin on December 1st, 2019 and end on June 30th, 2025.

WHEREAS, the City of Riverside will pay Johnson County Refuse \$17.50 per 35 gallon garbage cart and \$19.50 per 65 gallon garbage cart per residential account per monthly billing based on the number of carts chosen by residents for each size. A list will be printed off the City software for a customer count on July 1st of each year and that number multiplied by the rate will be used for billing purposes.

THEREFORE, BE IT RESOLVED, The City of Riverside City Council, hereby approves this contract for the next three years.

IT WAS MOVED BY Councilperson _____, second by Councilperson _____, to approve the resolution.

Roll Call:

Ayes:

Nays:

Abstain/Absent:

PASSED AND APPROVED by the City Council of Riverside, Iowa and approved this 4th day of November, 2019.

Signed: _____
Allen Schneider, Mayor

Attest : _____
Becky LaRoche, City Clerk

COUNCIL PACKET

AGREEMENT FOR RESIDENTIAL SOLID WASTE AND RECYCLING COLLECTION SERVICES

THIS AGREEMENT is made by and between the City of Riverside, Iowa, a municipal corporation, hereinafter referred to as "city", and Johnson County Refuse, hereinafter referred to as "Hauler." In consideration of the mutual promises contained herein, the parties agree as follows:

SECTION 1. DEFINITIONS.

- a. "Aluminum can" shall mean disposable aluminum beverage containers.
- b. "Ashes" shall mean the residue from the burning of wood and other non-hazardous combustible materials.
- c. "Brush" shall mean woody stems and branches greater than ½-inch diameter, evergreen trimmings and thorny brush.
- d. "Bulky waste" shall mean large household appliances including but not limited to stoves, refrigerators (unless it contains a component having hazardous substances, such as Freon, in which event disposal would be by special arrangement only), television sets, washing machines, dryers, logs and other items of similar size, and fixtures and materials too large to fit into a bag or rigid container.
- e. "City" shall mean the City of Riverside, Iowa.
- f. "Collection bag" shall mean a plastic, water tight bag, securely tied or sealed and not exceeding 35 gallons in size and 40 pounds in weight when fill.
- g. "Construction and demolition waste" shall include but not limited to lumber, roofing material, sheathing, rubble, broken concrete, plaster, brick, conduit, pipe, wire insulation and similar materials which result from a construction, demolition or remodeling process.
- h. "Container" shall mean a closed and water proof plastic container, varying in size and provided by the Hauler.
- i. "Curbside" shall mean the area adjacent to the curb or travelled portion of the roadway.
- j. "Dwelling unit" shall mean any room or group of rooms located within a building and forming a single habitable unit with facilities that are used or intended to be used for living, sleeping, cooking and eating.
- k. "Extra refuse" shall mean trash that exceeds the amount of capacity in the container.

COUNCIL PACKET

- l. "Glass containers" shall mean glass bottles and jars made from clear, green or brown glass. Expressly excluded from this definition is window glass and other non-container glass or glass products, porcelain and ceramic products.
- m. "Hauler" shall mean Johnson County Refuse.
- n. "Household" shall be composed of persons that reside together in a dwelling unit.
- o. "Newspaper" shall mean paper of the type commonly referred to as newsprint and distributed at fixed intervals, having printed thereon news and opinions containing advertisements and other matters of public interest. Soiled newspapers are excluded as a recyclable.
- p. "Non-collectible waste" shall mean paint in liquid form, poisons, acids, caustics, explosives and other hazardous substances that may cause damage or injury to collection equipment or personnel, human or animal excrement and dead animals.
- q. "Paper bag" shall mean a paper container that is capable of being shredded and will decompose in a compost pile.
- r. "Residential solid waste" shall mean refuse, recyclables, and bulky waste.
- s. "Refuse" shall mean solid waste such as food waste, trash, rags, ashes, ceramics, non-recyclable plastics and similar items produced or originating within dwelling units. Recyclables shall be treated as refuse if not properly disposed of as set forth herein. Refuse does not mean household generated hazardous substances.
- t. "Recyclables" shall mean designated consumer wastes that are collected and marketed for resource recovery, including newspaper, tin and steel cans, aluminum beverage containers, glass containers, and plastic containers.
- u. "Removal" shall mean collection and disposal.
- v. "Tags" shall mean the tag (commonly referred to as a "sticker") designated by the City of Riverside which is placed on extra refuse and bulky waste to indicate that the disposal fee has been paid.
- w. "Tin and steel can" shall mean a clean container made of tin coated iron or steel in which food or beverages are preserved.

SECTION 2. SCOPE OF WORK

- a. The Hauler agrees to collect and dispose of recyclables from each single family dwelling, two unit family dwelling, condominium unit and each mobile home in the City once each week. The City, in consultation with the Hauler, agrees to update the number of dwelling units covered by this Agreement every 30 days. The monthly cost per dwelling unit for

COUNCIL PACKET

collecting and disposing of residential solid waste shall be as set forth in the "Schedule of Fees" attached as Appendix A and made a part of this Agreement by this reference.

- b. The Hauler agrees to collect and dispose of all refuse for each of the dwelling units listed above once each week. Options for refuse pickup include:
- A 35 gallon container picked up weekly
 - A 65-gallon container picked up weekly

All refuse, with the exception of extra refuse, must be placed at the curbside in the container provided by the Hauler. Extra refuse shall be secured in a collection bag, affixed with a tag placed on top of the bag.

- c. The Hauler agrees to collect and dispose of all recyclables for each of the dwelling units listed above once each week. Options for recycling pickup include:
- A 65-gallon container picked up weekly
 - A 95-gallon container picked up weekly
- d. The Hauler agrees to collect and dispose of all yard waste for each of the dwelling units listed above that place yard waste at the curbside in an approved yard waste bag once each week.
- e. The Hauler agrees to collect and dispose of all bulky waste. Bulky waste shall be collected by a separate agreement between the hauler and the owner or occupant of the dwelling unit requesting the disposal of such bulky waste. Bill and payment shall be by separate arrangement between the Hauler and the owner or occupant of the dwelling unit.
- f. The Hauler agrees to collect and dispose of all bulky waste and for all dwelling units under this contract, if and when approved by the City Council as part of a spring and fall cleanup. Said cleanup agreement will be made pursuant to a supplemental agreement mutually agreed upon in writing by the two parties. Such cleanup shall be provided on a Saturday to be determined by the two parties. The City and the Hauler will agree upon the amount of the financial participation of the City as a result of said city-wide cleanup.
- g. The Schedule of Fees attached hereto (Appendix A) is based on the Iowa City Landfill tipping fee schedule currently in effect. The Schedule of Fees is subject to a rate adjustment, increase or decrease, in the event the Iowa City Landfill fees increase or decrease by greater than 5 percent in any one year under this Agreement. Such adjustment shall not be unreasonable denied by the parties, and the agreed rate adjustment shall correspond to the percentage of any increase or decrease in the landfill fees. An increase in the Schedule of Fees will only be allowed if the Iowa City Landfill tipping fee increases by greater than 5 percent above the fees currently in effect or

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approved and the Hauler is using the Iowa City Landfill to dispose of the waste and refuse collected in Riverside.

SECTION 3. INSUFFICIENT SERVICE PENALTY

The City reserves the right to impose an insufficient service penalty whenever the Hauler does not begin and complete the above-referenced service during the time period of 7:00 a.m. to 4:00 p.m. on the designated days of collection and the insufficient service is the result of action, inaction, lack of equipment, equipment failure or other circumstances under the control of the Hauler. The penalty imposed may be up to 5 percent of the monthly charge for collection and disposal of refuse and recyclables on all accounts and may include termination of this Agreement for repeat or continuing violations. The City Administrator shall notify the Hauler, in writing, within 10 days of the date of the insufficient service if this penalty provision is to be assessed by the City. The Hauler may appeal the assessment of the penalty to the City Council within 10 days of the date of the written notice. The City Council's decision regarding the imposition of the penalty shall be final.

SECTION 4. TERMS OF CONTRACT

This Agreement shall be in force from November 4th, 2019, until June 30, 2025, unless terminated as provided herein. The parties shall advise each other by March 1, 2025, if the parties wish to negotiate a contract extension or terminate the contract on June 30, 2025. After June 30, 2025, contract can be negotiated for three year terms.

SECTION 5. COLLECTION SERVICE REQUIREMENTS

- a. The collection of residential solid waste shall be confined to Monday, Tuesday, Wednesday, Thursday and Friday and such collection shall occur between the hours of 7:00 a.m. and 4:00 p.m. on any collection day. Saturday collection shall be allowed in any week in which New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving, or Christmas Day are observed on the aforementioned weekdays. The Hauler shall propose the exact hours, within the above hourly limit and days, during the week for residential solid waste collection and disposal.
- b. Routes of collection will be determined by the Hauler and subject to City approval. Collections will be made on the same days of each week and the Hauler shall travel said route in the same direction and manner each collection day.
- c. If the collection day falls on the observance of New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving, or Christmas Day, the Hauler may elect to collect the residential solid waste on the day before or after the holiday. If the Hauler elects to collect the residential solid waste on the day before or after the holiday, the Hauler shall post and publish as hereinafter provided the Hauler's holiday collection schedule, provided it is approved by the City.

COUNCIL PACKET

- d. The Hauler shall provide sufficient personnel and equipment to complete the collection of all refuse, recyclable and yard waste in any established collection district within the City on the approved schedule.
- e. The Hauler agrees to perform all work described above without any further compensation, except as provided in this Agreement, from any individuals living within the three property classifications listed in Section 2, except as herein provided for collection and disposal of bulky waste.
- f. All residential solid waste materials collected by the Hauler shall become the property of the Hauler at the time of collection.
- g. The Hauler shall remove from the City all residential solid waste collected each day and shall dispose of the same outside of the City at a licensed landfill or other approved disposal or recycling center. The City shall retain the right to approve or otherwise determine the disposal locations and recycling centers, which approval shall not be unreasonably withheld.
- h. The Hauler shall not be required to remove waste building materials and other waste materials from the construction, alteration, repair, moving or demolition of a building or from the promotion or development of property by a real estate or commercial agent or from commercial, industrial or manufacturing establishments.
- i. Household appliances, excessive amounts of brush, interior remodeling and containable refuse must be collected and disposed of by the Hauler if the owner/occupant contacts the Hauler and makes necessary pickup and financial arrangements to have the above items disposed. Such service furnished by the hauler will be charged to said owner/occupant in accordance with the approved Schedule of Fees maintained at the office of the City Clerk and Hauler. Such special services shall be billed and collected by the Hauler.
- j. The Hauler shall be responsible for the submission of monthly reports including but not limited to: receipts of the total weight of recyclable materials collected; receipts from the sale of recyclable materials collected; and receipts of the refuse tonnage disposed at the landfill. The City may withhold payment until the Hauler has submitted the above-reference reports and receipts.

SECTION 6. VEHICLES

- a. All trucks, trailers and other equipment used to collect, haul or transport residential solid waste shall at all times be kept clean, in good repair and well painted.
- b. Each collection vehicle shall be constructed and used in such a manner so that solid residential waste will not blow, fall or leak out of the vehicle. The Hauler shall use mechanical packer trucks or equipment that, in the reasonable estimation of the City, will perform equal to a packer type truck.

COUNCIL PACKET

- c. The name of the Hauler and its phone number shall be painted or printed in legible letters on both sides of all vehicles, equipment and conveyances used in the City in performance of this Agreement.
- d. Upon notification in writing by the City Administrator that any designated truck, trailer or other equipment or vehicle is not in reasonable compliance with this Agreement, such truck, trailer, or other vehicle or equipment shall be forthwith removed from service by the Hauler and not returned to service in the City until it has been inspected for compliance and approved by the City Administrator which approval shall not be unreasonably withheld.
- e. The Hauler shall submit an Equipment List prior to _____, and shall update the same annually, all of which shall be a part of this Agreement by this reference.

SECTION 7. CONTAINERS

- a. Upon approval of this agreement the Hauler shall provide each existing dwelling unit with one container for recycling and one container for refuse at no cost to the owner/occupant. For each dwelling unit built within the City after the beginning of this Agreement, the Hauler shall provide one container for recycling and one container for refuse at no cost to the owner/occupant. Each container will have a hinged lid with the recycling container being identified with a yellow lid. Container sizes for each dwelling unit will be determined by the owner/occupant based on the options included in Section 2 of this agreement.
- b. Recyclables may be commingled in recyclable containers.
- c. The containers remain the property of the Hauler. If the owner/occupant of the dwelling unit loses or destroys the container by misuse, a charge for replacement may apply. If a container deteriorates by reason of time, normal use, weather, or a container is damaged by reason of an act of God or other act beyond the owner's/occupant's control, said owner/occupant shall obtain a replacement container from the Hauler at no cost.
- d. The owner/occupant can change the size of the containers within the first 60 days of program implementation at no charge. After the initial grace period, there will be a charge to the owner/occupant of \$30.

SECTION 8. OFFICE FOR INQUIRIES AND COMPLAINTS

- a. The Hauler shall maintain an office within Johnson County and shall maintain a local telephone number therein listed in the local telephone directory in the name of the Hauler as it appears in this Agreement. The Hauler shall at all times during the hours between 8:00 a.m. and 4:30 p.m. on each day that residential solid waste is collected have an employee at said office authorized to answer inquiries and receive complaints.

COUNCIL PACKET

- b. If a dwelling unit is missed, not by the fault of the dwelling unit owner or tenant, the Hauler shall collect that dwelling unit no later than 24 hours following the date and time of notification, provided that day is not a Saturday, Sunday or holiday. If the following day is a Saturday, Sunday or a holiday, the Hauler shall collect the missed dwelling unit on the next following workday.

SECTION 9. METHOD OF PAYMENT

- a. The City will act as billing and collection agent for the Hauler for the costs of collection and disposal of recyclables and refuse. All monthly refuse and recycling fees collected by the City shall be paid to the Hauler by the 4th Monday of each month for the preceding month of services.
- b. In addition, the Hauler shall be responsible for the sale and collection of revenue for all tags defined herein. There shall be no markup of the rate per tag by any sales outlet that engages in the sale of said tags other than that approve by the City. Tags will be sold at outlets that agree to sell the tags. (Casey's buys the tags at 2.85 and sells at 3.00) The Hauler shall be responsible for the printing of the tags, as currently in use by the Hauler. The cost of the tags shall be set forth in the Schedule of Fees (Appendix A) attached hereto.
- c. Any disputes or alleged discrepancies in billing or collection shall be mutually resolved by the Hauler and the City Administrator.

SECTION 10. STATUTES AND REGULATIONS

- a. The Hauler shall at all times comply with all applicable provisions of the Riverside Code of Ordinances and amendments thereto that may be enacted by the City Council. In addition, the Hauler shall comply with all applicable laws and regulations of Washington and Johnson County, the State of Iowa, and the United States now in effect or hereinafter enacted.

SECTION 11. PERMITS AND LICENSES

- a. The Hauler shall obtain and maintain all permits and licenses required by the City, County and State necessary to provide the above-described collection, hauling and disposal services. If the necessary permits and licenses are not obtained or maintained by the Hauler, the City may terminate this Agreement. Copies of all above referenced permits and licenses will be provided to the City.

SECTION 12. INSURANCE

- a. The Hauler shall assume responsibility and shall defend, hold harmless and indemnify the City for any and all damage to property or injuries to persons, including accidental death, which is caused directly or indirectly by the Hauler's performance under this Agreement

COUNCIL PACKET

whether such performance is by the Hauler, its agents, employees or assigns or anyone directly or indirectly employed by the Hauler.

b. The insurance to be maintained by the Hauler shall be written as follows:

i. **Workers' Compensation and Employers Liability Insurance** as prescribed by Iowa law or the minimum limits shown below:

Iowa Benefits	Statutory
Employers Liability	
Bodily Injury by Accident	\$500,000 each accident
Bodily Injury by Disease	\$500,000 each accident
Bodily Injury by Disease	\$500,000 policy limit

This insurance must include the following features:

- A. Endorsed to waive all rights of subrogation against the City.
- B. Endorsed to provide 30 days' notice prior to cancellation.

ii. **Commercial General Liability Insurance** combined single limits shown below covering Bodily Injury, Property Damage and Personal Injury:

General Aggregate Limit	\$2,000,000
Products-Completed Operations Aggregate Limit	\$2,000,000
Personal and Advertising Injury Limit	\$1,000,000
Each Occurrence Limit	\$1,000,000
Fire Damage Limit (any one fire)	\$100,000
Medical Damage Limit (any one person)	\$5,000

This insurance must include the following features:

- A. Include the City as an additional insured on a primary and noncontributory basis.
- B. Include the City as an additional insured for products and completed operation for 3 years (construction projects).
- C. Endorsed to provide 30 days' notice prior to cancellation.
- D. Endorsed to waive all rights of subrogation against the City.
- E. Advertising Injury.
- F. Operations by independent contractors.
- G. Contractual Liability coverage.

iii. **Automobile Liability Insurance** coverage with a minimum combined single limit for Bodily Injury and Property Damage of \$1,000,000 per accident.

COUNCIL PACKET

This insurance must include the following features:

- A. Include the City as an additional insured on a primary and noncontributory basis.
 - B. Endorsed to waive all rights of subrogation against the City.
 - C. Insurance must include Contractual Liability.
 - D. Include coverage for all owned, non-owned, hired and leased vehicles (or any vehicle used in connection with the operations covered under this Agreement).
 - E. Endorsed to provide 30 days' notice prior to cancellation.
- iv. **Umbrella/Excess Liability Insurance** limits of not less than \$2,000,000 each occurrence and \$2,000,000 aggregate are required.

This insurance must include the following features:

- A. Include the City as an additional insured.
 - B. Endorsed to provide 30 days' notice prior to cancellation.
- v. The insurance company and the hauler expressly agree and state that the purchase of this policy of insurance by the Hauler will not waive any of the defenses of governmental immunity available to the City under Iowa Code Section 670.4 as it now exists and as it may be amended from time to time.
- The insurance company and the Hauler further agree that this policy of insurance shall cover only those claims not subject to the defense of governmental immunity under Iowa Code 670.4 as it now exists and as it may be amended from time to time.
- vi. Insurance Certificates. Each policy noted above shall be issued by an insurance company authorized to write such insurance in the State of Iowa and shall be reasonably accepted to the City. These insurance policies shall not be canceled without at least 30 days prior written notice to the City. A properly executed Certificate of Insurance showing evidence of these insurance requirements shall be delivered to the City prior to the commencement of their operations.
- c. The Hauler shall name the City as an additional insured on said insurance and shall furnish evidence of the same to the City Administrator. The insurance policy shall include a 30-day notice to the City in the event of cancellation or change in the terms of the policy.
- d. The Hauler shall maintain and file with the City certificates of insurance showing insurance amounts in compliance with this Section to be in full force and effect for the entire term of this Agreement. Violations of this Section, whether the fault of the Hauler or not, shall be grounds for immediate termination of this Agreement.

COUNCIL PACKET

SECTION 13. PERSONAL LIABILITY

- a. No member of the City Council or other city official, employee or agent of the City shall be personally responsible for any liability arising under this Agreement.
- b. Nothing in the document or any contract entered into with the City shall be deemed to make an employee or officer of the Hauler an employee of the City.

SECTION 14. WORKERS COMPENSATION INSURANCE

- a. The Hauler, shall at all times be fully insured, at its own expense, with Workers Compensation Insurance as mandated by the laws of the State of Iowa. The Hauler shall hold the City harmless from any and all liability for any cause that may arise by reason of injuries to any employee or agent of the Hauler who may be injured while performing work or labor under the provisions of this Agreement, except when said injury is caused by the negligent act or conduct by the City.
- b. No work shall be performed by the Hauler during any period that it is not covered by Workers Compensation Insurance or any other insurance as required by this Agreement. In such an event, the applicable provisions hereof shall apply the same as when the Hauler fails to collect and dispose of garbage. The Hauler shall file a certificate with the City showing said insurance to be in full force and effect for the entire term of the contract.

SECTION 15. TERMINATION

- a. The breach of any of the terms and conditions of this Agreement by either party shall be grounds for the cancellation and termination of this Agreement. The City, upon such termination, shall have the right to contract with other parties to perform the obligations as provided herein and in such event, the Hauler agrees that the City shall hold the Hauler and its surety liable for any costs for performing such work in excess of the cost to the City if the Hauler had continued to perform in the manner anticipated at the time this contract was awarded.
- b. Failure to comply with the terms of this Agreement relative to the collection and disposal of residential solid waste on the part of the Hauler by reason of weather, major disaster, epidemic, or other emergency within the City beyond the control of the Hauler as reasonably determined by the City Administrator shall not constitute a breach of this Agreement nor be grounds for termination of this Agreement.
- c. This Agreement may be terminated if its terms are not complied with by either party after 60 days' written notice. The City may terminate this Agreement upon 60 days' written notice if, in the City's reasonable opinion, the Hauler is providing inadequate service to the residents of Riverside.

COUNCIL PACKET

SECTION 16. SUPERCEDING CONTRACT

This contract is effective _____ and supersedes the current contract in effect between the parties.

Agreement approved _____ by the Riverside City Council

by Resolution # _____.

City of Riverside

Johnson County Refuse

COUNCIL PACKET

Fee Schedule:

Garbage:	65-gallon cart picked up once a week \$19.50/month
Garbage:	35-gallon cart picked up once a week \$17.50/month
Recycling :	65 or 95 gallon-no extra charge
Extra Garbage:	\$3.00 per bag (no larger than 35 gallon) with 40# limit \$3.00 sticker/bag
Bulky items:	Per schedule-arrange through Johnson County Refuse
Yard Waste:	\$1.65 per Johnson County kraft bag
Stick Bundle:	\$.50/per resident per month
	2 bundles per week 4' long tied with 4" string

COUNCIL PACKET

Bulky Item Tag List

Please call Johnson County Refuse to arrange pickup

319-665-4498

Bulky Items	# Sticker Required at \$3.00/each
Appliances	
Refrigerator	7
Freezer	7
Air Conditioner	7
Water Heater	7
Washer	7
Dryer	7
Stove	7
Microwave	7
Dishwasher	7
Televisions/Computers	7
Furniture	
Sofa Hidabed or Reclining	15
Sofa	10
Loveseat	6
Stuffed Chair	5
Recliner	5
Straight Back Chair	2
Dresser with drawers	2+ 1 per drawer
Mattress or Box Springs	
King	8
Queen	7
Full	6
Twin	4
Miscellaneous	
Carpet (3 x 8)	3
Toilet	2
Lamps	1
Grill	3

Yard Waste: \$1.65 per Johnson County kraft bag

Stick Bundle: \$.50/per resident per month
2 bundles per week 4' long tied with 4" string

Extra Garbage: \$3.00 per bag (no larger than 35 gallon) with 40# limit \$3.00 sticker/bag

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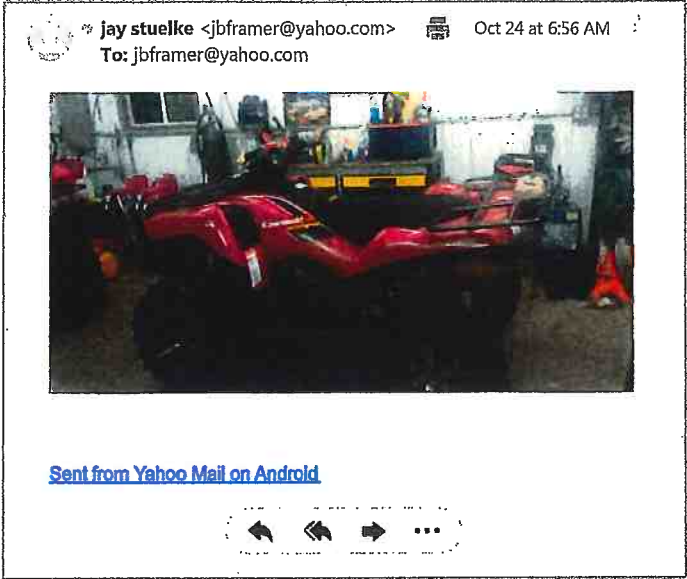
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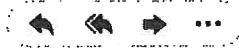
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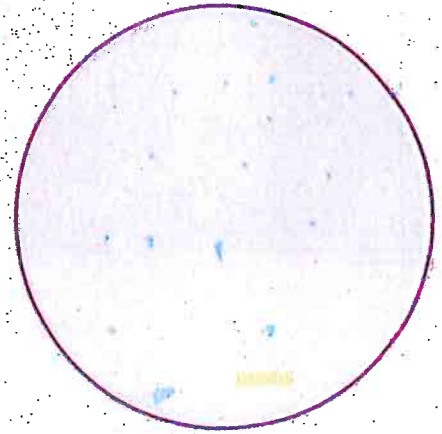


Posted about a month ago on: 2019-09-22 15:25

Contact Information:

2005 Artic Cat - \$4000 (St Charles)

image 1 of 7



condition: **excellent**

make / manufacturer: **Artic Cat**

model name / number: **650 cc**

2005 Artic Cat, 650 cc Kawasaki v twin engine. 4700 miles. 3500 lb Warn winch, 60 inch snow blade, 8ply dirt commander tires and has electric start with back up pull start. Just installed hand and thumb warmers. All service up to date. Radiator flush, new anti freeze, no oil leaks, new drive belt, everything in good working condition.

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Posted 11 days ago on: 2019-10-12 13:19

Contact Information:

2008 Kawasaki Bruteforce 750i EFI 4x4 - \$3900 (Iowa city)

image 1 of 14



condition: **good**

make / manufacturer: **Kawasaki**

model name / number: **Bruteforce 750i
EFI 4x4**

Up first sale is a used 2008 Kawasaki bruteforce 750i EFI 4x4 with low miles and hours. It's in good shape and runs great as it is fuel injected. Please see pics for miles and hours. Any questions please ask Jason [show contact info](#)

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COUNCIL PACKET

RESOLUTION #110419-02

RESOLUTION APPROVING PAY REQUEST #10 FOR TRIPLE B CONSTRUCTION, FOR HWY 22 IMPROVEMENTS PROJECT

Whereas, the City of Riverside City at the recommendation of the City Engineering Firm, MMS Consultants, Scott Pottorff and it is the opinion of the City Engineering Firm that the City Council accept this pay request in the amount of \$96,520.57 for partial payment of this project from 9/30/19 to 10/25/19.

Therefore, be it resolved the City of Riverside City Council does hereby accept the Pay Request #10 for work done on the Hwy 22 Improvements project with 102.27% complete.

It was moved by Councilperson _____, seconded by Councilperson _____, to approve the foregoing resolution.

Roll Call: Schneider, Sexton, Rodgers, Redlinger, McGuire

Ayes:

Nays:

Absents:

PASSED AND APPROVED by City Council of Riverside, Iowa, on this 4TH day of November, 2019.

Signed: _____ Date _____

Allen Schneider, Mayor

Attest: _____ Date _____

Becky LaRoche, City Clerk

COUNCIL PACKET

CONSTRUCTION PROGRESS PAYMENT

02

Project Description	PN: 2245038
Contract Date	<u>Highway 22 Improvements Project</u> <u>19-Aug-18</u>
Contractor:	<u>Triple B Construction</u> Owner: <u>City of Riverside</u>
Address:	<u>710 Ayres Progress Drive</u> Attn: _____
City, St., Zip:	<u>Wilton, IA 52778</u> Address: <u>60 N. Greene Street</u>
Phone:	<u>563-732-3478</u> City, St., Zip: <u>Riverside, IA 52327</u>
Fax:	<u>563-732-2105</u> Phone: <u>319-648-3501</u>
	Fax: _____

Estimate #	10		Owner PN
	x	Partial Payment	Federal PN
		Final Payment	State PN
		FOR PERIOD:	
		FROM: <u>9/30/19</u>	
		TO: <u>10/25/19</u>	

Base Contract Price	\$1,884,454.00
---------------------	----------------

Change #	1	\$25,328.50
Change #	2	(\$50.00)
Change #	3	\$1,335.00
Change #	4	\$2,300.00
Change #	5	(\$58,365.00)
Change #	6	\$5,850.00
Change #	7	\$17,621.00
Change #	8	\$24,421.75
Change #	9	\$9,138.00
Change #	10	\$1,150.00
Change #	11	\$3,952.00
Change #	12	\$19,284.00
Change #	13	\$1,278.00
Change #	14	\$10,120.00
Change #	15	\$1,725.00
Change #	16	\$1,050.00
Change #	17	\$7,280.00
Change #	18	\$6,352.50
Change #	19	\$2,062.50
Change #	20	\$4,137.00

Materials on Hand	
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Construction Completed	\$2,015,075.66
	102.27%
Total Earned	\$2,015,075.66
Less Retainage	\$100,753.78
Less Previous Payment	\$1,817,801.31
Amount Due This Est	\$96,520.57

Total Contract	\$1,970,424.25
----------------	----------------

Requested by: _____
Brad Jipp
 Title: President/Owner
 Date: _____

Recommended by: _____
Scott Pottorff
 Title: Project Engineer
 Date: _____

Approved by: _____
 Title: _____
 Date: _____

Attested by: _____
 Title: _____
 Date: _____

MMS Consultants, Inc.
 1917 South Gilbert Street, Iowa City, IA 52240

i:\proj\forms\payreqst.xls

COUNCIL PACKET

Highway 22 Improvements Project

Pay Estimate No.: 10

Payable to: Triple B Construction
Date: October 29, 2019
Week Ending: October 25, 2019

Item No.	Item Description	Units	Contract Quantity	Unit Price	Contract Amount	Quantity This Estimate	Amount This Estimate	To Date Quantity	To Date Amount
1	Traffic Control	LS	1	\$100,000.00	\$ 100,000.00	-	\$ -	1.00	\$ 100,000.00
2	Mobilization	LS	1	\$150,000.00	\$ 150,000.00	-	\$ -	1.00	\$ 150,000.00
3	Removal of Tree	EA	1	\$500.00	\$ 500.00	-	\$ -	1.00	\$ 500.00
4	Off Site Topsoil **** 9' 14"	CY	834	\$35.00	\$ 29,190.00	94.00	\$ 3,290.00	834.00	\$ 29,190.00
5	Excavation, Class 13, Waste **** 6' 7" 8' 9' 14"	CY	1973	\$40.00	\$ 78,920.00	37.00	\$ 1,480.00	1,990.00	\$ 79,600.00
6	Backfilling of Curbs ****	LF	3,996	\$3.00	\$ 11,988.00	322.00	\$ 966.00	3,996.00	\$ 11,988.00
7	Below Grade Excavation (Core Out)	CY	100	\$40.00	\$ 4,000.00	-	\$ -	44.50	\$ 1,780.00
8	Subgrade Preparation	SY	2,863	\$2.00	\$ 5,726.00	-	\$ -	3,096.00	\$ 6,192.00
9	Subbase, Modified, 4" Thick Rock for PCC Sidewalk, POC Driveway and HMA Shoulder * **** 8' 9"	SY	3,542	\$6.00	\$ 21,252.00	69.00	\$ 414.00	3,623.00	\$ 21,738.00
10	Subbase, Modified, 6" Thick Rock for PCC Paving * **** 12"	SY	1,798	\$8.00	\$ 14,384.00	-	\$ -	2,381.00	\$ 18,888.00
11	Subbase, Macadam Stone, 6" Thick * 12"	SY	1,401	\$8.00	\$ 11,208.00	-	\$ -	1,301.00	\$ 10,408.00
12	Subbase, Class A Crushed Stone, 4" Thick * 12"	SY	1,401	\$5.50	\$ 7,705.50	-	\$ -	1,301.00	\$ 7,155.50
13	Removal of Pedestrian Bridge	LS	1	\$1,500.00	\$ 1,500.00	-	\$ -	1.00	\$ 1,500.00
14	Removal of Fence	LF	130	\$5.00	\$ 650.00	-	\$ -	130.00	\$ 650.00
15	Granular Trench Backfill, Porous Backfill, 12" Storm Sewer	LF	48	\$9.00	\$ 432.00	-	\$ -	39.00	\$ 351.00
16	Granular Trench Backfill, Class A Crushed Stone, 12" Storm Sewer	LF	55	\$8.00	\$ 440.00	-	\$ -	-	-
17	Granular Trench Backfill, Porous Backfill, 15" Storm Sewer	LF	1332	\$9.50	\$ 12,654.00	-	\$ -	1,490.00	\$ 14,155.00
18	Granular Trench Backfill, Class A Crushed Stone, 15" Storm Sewer	LF	96	\$7.50	\$ 720.00	-	\$ -	-	-
19	Granular Trench Backfill, Porous Backfill, 18" Storm Sewer	LF	156	\$9.00	\$ 1,404.00	-	\$ -	192.00	\$ 1,728.00
20	Granular Trench Backfill, Porous Backfill, 21" Storm Sewer	LF	121	\$8.00	\$ 968.00	-	\$ -	116.00	\$ 928.00
21	Granular Trench Backfill, Class A Crushed Stone, 21" Storm Sewer	LF	21	\$8.00	\$ 168.00	-	\$ -	75.00	\$ 600.00
22	Granular Trench Backfill, Porous Backfill, 24" Storm Sewer	LF	66	\$7.00	\$ 462.00	-	\$ -	-	-
23	Granular Trench Backfill, Class A Crushed Stone, 24" Storm Sewer	LF	298	\$11.00	\$ 3,278.00	-	\$ -	311.00	\$ 3,421.00
24	Granular Trench Backfill, Porous Backfill, 30" Storm Sewer	LF	428	\$12.50	\$ 5,350.00	-	\$ -	428.00	\$ 5,350.00
25	Granular Trench Backfill, Class A Crushed Stone, 30" Storm Sewer	LF	55	\$12.00	\$ 660.00	-	\$ -	45.00	\$ 540.00
26	Granular Trench Backfill, Porous Backfill, 36" Storm Sewer	LF	21	\$20.00	\$ 420.00	-	\$ -	21.00	\$ 420.00
27	Storm Sewer, Trenched, ADS N-12, 8" Dia. *	LF	31	\$40.00	\$ 1,240.00	30.00	\$ 1,200.00	141.00	\$ 5,640.00
28	Storm Sewer, Trenched, RCP, 12" Dia. ****	LF	1,487	\$49.00	\$ 72,863.00	-	\$ -	1,490.00	\$ 73,010.00
29	Storm Sewer, Trenched, RCP, 15" Dia.	LF	316	\$59.00	\$ 18,748.00	-	\$ -	308.00	\$ 18,324.00
30	Storm Sewer, Trenched, RCP, 18" Dia.	LF	75	\$59.00	\$ 4,425.00	-	\$ -	75.00	\$ 4,425.00
31	Storm Sewer, Trenched, RCP, 21" Dia.	LF	528	\$66.00	\$ 34,848.00	32.00	\$ 2,112.00	536.00	\$ 35,376.00
32	Storm Sewer, Trenched, RCP, 24" Dia. 8' 14"	LF	473	\$86.00	\$ 40,668.00	-	\$ -	473.00	\$ 40,668.00
33	Storm Sewer, Trenched, RCP, 30" Dia.	LF	21	\$120.00	\$ 2,520.00	-	\$ -	21.00	\$ 2,520.00
34	Storm Sewer, Trenched, RCP, 36" Dia.	LF	852	\$6.00	\$ 5,112.00	-	\$ -	852.00	\$ 5,112.00
35	Removal of Storm Sewer	EA	0	\$1,100.00	\$ -	-	\$ -	-	\$ -
36	Flared End Section, RCP, 12" ****	EA	1	\$1,200.00	\$ 1,200.00	-	\$ -	1.00	\$ 1,200.00
37	Flared End Section, RCP, 15"	EA	3	\$1,500.00	\$ 4,500.00	-	\$ -	3.00	\$ 4,500.00
38	Flared End Section, RCP, 24"	EA	2,441	\$10.00	\$ 24,410.00	-	\$ -	2,441.00	\$ 24,410.00
39	Longitudinal Subdrain, Type 2, 8" **** 10"	EA	5	\$300.00	\$ 1,500.00	-	\$ -	5.00	\$ 1,500.00
40	Subdrain Cleanout, Connection to Structure **** 10"	EA	9	\$225.00	\$ 2,025.00	-	\$ -	9.00	\$ 2,025.00
41	Subdrain Outlet, Connection to Structure **** 10"	EA	3	\$500.00	\$ 1,500.00	-	\$ -	3.00	\$ 1,500.00
42	Connect Existing Sump Pump Outlet or Downspout Drain to Storm Sewer or Subdrain	EA	61	\$37.00	\$ 2,257.00	-	\$ -	41.00	\$ 1,517.00
43	Water Main, 6", PVC DR-18 **** 11"	LF	1,759	\$42.00	\$ 73,878.00	-	\$ -	1,759.00	\$ 73,878.00
44	Water Main, 8", PVC DR-18 ****	LF	10	\$61.00	\$ 610.00	-	\$ -	-	\$ -
45	Water Main, 12", PVC DR-18 ****	LF	302	\$85.00	\$ 25,670.00	-	\$ -	302.00	\$ 25,670.00
46	Water Main, Trenchless, 8", Restrained Joint PVC DR-18	EA	1	\$1,700.00	\$ 1,700.00	-	\$ -	1.00	\$ 1,700.00
47	Cut in 12" x 8" Tee	EA	6	\$1,500.00	\$ 9,000.00	-	\$ -	8.00	\$ 12,000.00
48	Connect to Exist Water Main *** 11"	EA	6	\$1,500.00	\$ 9,000.00	-	\$ -	8.00	\$ 12,000.00

COUNCIL PACKET

Item No.	Item Description	Units	Contract Quantity	Unit Price	Contract Amount	Quantity This Estimate	Amount This Estimate	To Date Quantity	To Date Amount
49	Water Service, Main to Curb Stop, 1" PE 200 PSI ***	EA	16	\$825.00	\$ 13,200.00	-	\$ -	16.00	\$ 13,200.00
50	Water Service, Trenchless, Main to Curb Stop on Opposite Side of Highway 22, 1" PE 200 PSI ***	EA	3	\$2,500.00	\$ 7,500.00	-	\$ -	2.00	\$ 5,000.00
51	Removal of Water Main ***	LF	609	\$5.00	\$ 3,045.00	-	\$ -	175.00	\$ 875.00
52	Exploratory Excavation for Water Main	EA	3	\$1,000.00	\$ 3,000.00	-	\$ -	5.00	\$ 5,000.00
53	Gate Valve, 6" ***	EA	2	\$950.00	\$ 1,900.00	-	\$ -	2.00	\$ 1,900.00
54	Gate Valve, 8" ***	EA	2	\$1,200.00	\$ 2,400.00	-	\$ -	2.00	\$ 2,400.00
55	Gate Valve, 12"	EA	1	\$2,500.00	\$ 2,500.00	-	\$ -	-	\$ -
56	Fire Hydrant Assembly	EA	4	\$4,300.00	\$ 17,200.00	-	\$ -	4.00	\$ 17,200.00
57	Remove Existing Fire Hydrant Assembly	EA	2	\$500.00	\$ 1,000.00	-	\$ -	2.00	\$ 1,000.00
58	Storm Sewer Manhole, Type SW-401-48"	EA	5	\$3,300.00	\$ 16,500.00	-	\$ -	6.00	\$ 19,800.00
59	Storm Intake, Type SW-512, 24"	EA	4	\$1,750.00	\$ 7,000.00	3.00	\$ 5,250.00	5.00	\$ 8,750.00
60	Storm Intake, Type SW-541 With SW-542 Extensions Each Way	EA	7	\$5,500.00	\$ 38,500.00	0.50	\$ 2,750.00	7.00	\$ 38,500.00
61	Storm Intake, Type SW-545, LO = 12' **	EA	11	\$5,350.00	\$ 58,850.00	-	\$ -	11.00	\$ 58,850.00
62	Storm Intake, Modified Type SW-545, LO = 12' **	EA	0	\$6,500.00	\$ -	-	\$ -	-	\$ -
63	Storm Intake, Type SW-545, LO = 12', Connect to Box Culvert	EA	1	\$6,500.00	\$ 6,500.00	-	\$ -	1.00	\$ 6,500.00
64	Storm Sewer Junction Structure	EA	1	\$10,000.00	\$ 10,000.00	-	\$ -	1.00	\$ 10,000.00
65	Connect to Existing Storm Structure 8"	EA	3	\$1,000.00	\$ 3,000.00	1.00	\$ 1,000.00	6.00	\$ 6,000.00
66	Remove Existing Storm Manhole or Intake	EA	6	\$500.00	\$ 3,000.00	-	\$ -	6.00	\$ 3,000.00
67	PCC Pavement, 7" * ***	SY	873	\$48.00	\$ 42,777.00	-	\$ -	917.00	\$ 44,933.00
68	PCC Pavement, 10"	SY	55	\$110.00	\$ 6,050.00	-	\$ -	10.00	\$ 1,100.00
69	PCC Curb and Gutter, 24" Wide * **** 7"	LF	1,679	\$26.00	\$ 43,654.00	-	\$ -	1,911.00	\$ 49,686.00
70	Adjustment of Fixtures	EA	17	\$150.00	\$ 2,550.00	8.00	\$ 1,200.00	20.00	\$ 3,000.00
71	Removal of Sidewalk *** 6' 9"	SY	829	\$8.00	\$ 6,632.00	-	\$ -	846.00	\$ 6,768.00
72	Removal of Paved Driveway **** 8"	SY	447	\$10.00	\$ 4,470.00	-	\$ -	447.00	\$ 4,470.00
73	PCC Sidewalk, 6' *** 6' 9"	SY	1646	\$39.00	\$ 64,194.00	134.00	\$ 5,226.00	1,557.00	\$ 60,723.00
74	Detachable Warnings *** 6"	SF	198	\$30.00	\$ 5,940.00	-	\$ -	198.00	\$ 5,940.00
75	PCC Driveway, 6" Thick * ****	SY	446	\$47.00	\$ 20,962.00	178.00	\$ 8,366.00	607.00	\$ 28,529.00
76	HMA Driveway, 6" Thick * 8"	SY	254	\$63.00	\$ 16,002.00	43.00	\$ 2,709.00	251.00	\$ 15,813.00
77	Granular Shoulder and Surfacing, Class A Crushed Stone ****	TONS	460	\$25.00	\$ 11,500.00	142.36	\$ 3,559.00	644.59	\$ 16,114.75
78	Removal of Pavement **** 7"	SY	439	\$12.00	\$ 5,268.00	-	\$ -	1,476.50	\$ 17,718.00
79	Bituminous Seal Coat * ***** 12"	SY	100	\$8.00	\$ 800.00	-	\$ -	-	\$ -
80	Painted Pavement Markings, Temporary, Waterborne or Solvent	STA	124	\$30.00	\$ 3,720.00	57.32	\$ 1,719.60	226.56	\$ 6,797.40
81	Painted Pavement Markings, Permanent, Durable	STA	122	\$60.00	\$ 7,320.00	103.00	\$ 6,180.00	103.00	\$ 6,180.00
82	Mulching for Erosion Control	ACRE	1.0	\$750.00	\$ 750.00	-	\$ -	-	\$ -
83	Sod **** 9' 14"	SQ	435	\$60.00	\$ 26,100.00	719.00	\$ 43,140.00	805.00	\$ 48,300.00
84	SWPPP Management	LS	1	\$4,000.00	\$ 4,000.00	0.25	\$ 1,000.00	1.00	\$ 4,000.00
85	Inlet Protection Device	EA	24.0	\$50.00	\$ 1,200.00	-	\$ -	-	\$ -
86	Inlet Protection Device Maintenance	EA	24	\$25.00	\$ 600.00	-	\$ -	-	\$ -
87	Patches By Count (Repair)	EA	10	\$500.00	\$ 5,000.00	-	\$ -	8.00	\$ 4,000.00
88	Patches, Full-Depth Repair	SY	280	\$150.00	\$ 42,000.00	-	\$ -	286.10	\$ 39,915.00
89	Base Widening, Hot Mix Asphalt Mixture ****	TONS	220	\$70.00	\$ 15,400.00	-	\$ -	320.23	\$ 22,416.10
90	Pavement Scarification 13"	SY	14250	\$5.50	\$ 78,375.00	-	\$ -	14,250.00	\$ 78,375.00
91	HMA Interlayer Base Course, 3/8"	TONS	775	\$65.00	\$ 50,375.00	-	\$ -	950.42	\$ 61,777.30
92	HMA Mixture, High Traffic, Surface Course, 1 1/2" Mix, Friction L-4 **** 12"	TONS	1419	\$71.00	\$ 100,749.00	-	\$ -	1,479.42	\$ 105,038.82
93	HMA Mixture, High Traffic, Intermediate Course, 1 1/2" Mix **** 12"	TONS	1452	\$65.00	\$ 94,380.00	-	\$ -	1,318.88	\$ 86,727.20
94	Asphalt Binder, PG 58-28S	TONS	16	\$570.00	\$ 9,120.00	-	\$ -	25.61	\$ 14,597.70
95	Asphalt Binder, PG 58-28H **** 12"	TONS	174	\$635.00	\$ 110,490.00	-	\$ -	135.03	\$ 85,744.05
96	Asphalt Binder, PG 58-34E	TONS	80	\$705.00	\$ 56,400.00	-	\$ -	65.08	\$ 45,881.40
97	HMA Pavement Samples	LS	1	\$5,500.00	\$ 5,500.00	-	\$ -	1.00	\$ 5,500.00
98	PCC Curb and Gutter, 48" Wide ****	LF	1925	\$39.00	\$ 75,075.00	-	\$ -	1,952.00	\$ 76,128.00
99	Remove and Reinstall Signs	EA	20	\$200.00	\$ 4,000.00	24.00	\$ 4,800.00	24.00	\$ 4,800.00
TOTAL CONTRACT									
					\$ 1,909,890.90		\$ 96,925.60		\$ 1,953,140.22
C.O. #1	Subbase, Special Backfill, 6" Thick **** 7"	SY	1,070.000	\$10.00	\$ 10,700.00	-	\$ -	1,070.000	\$ 10,700.00
	Silt Fence/Filter Sock, Including Mobilization During Rain Events, Maintenance and Removal	LF	500.000	\$5.50	\$ 2,750.00	-	\$ -	484.000	\$ 2,652.00
TOTAL CHANGE C.O. #1					\$ 13,450.00		\$ -		\$ 13,252.00
C.O. #2	Storm Intake, Type SW-509	EA	Page 2 of 3 1.000	\$5,750.00	\$ 5,750.00	0.500	\$ 2,875.00	1.000	\$ 5,750.00

COUNCIL PACKET

Item No.	Item Description	Units	Contract Quantity	Unit Price	Contract Amount	Quantity This Estimate	Amount This Estimate	To Date Quantity	To Date Amount
	Storm Intake, Type SW-510	EA	1,000	\$6,050.00	\$ 6,050.00	-	\$ -	1,000	\$ 6,050.00
	TOTAL CHANGE C.O. #2				\$ 11,800.00		\$ 2,875.00		\$ 11,800.00
C.O. #3	Removal of Flume and Intake, Plug Storm Sawer Per SUDAS, Furnish Fall and Grade, including Topsoil	LS	1,000	\$1,335.00	\$ 1,335.00	-	\$ -	1,000	\$ 1,335.00
	TOTAL CHANGE C.O. #3				\$ 1,335.00		\$ -		\$ 1,335.00
C.O. #4	Removal of Tree at 281 St. Mary's Street	LS	1,000	\$2,300.00	\$ 2,300.00	-	\$ -	1,000	\$ 2,300.00
	TOTAL CHANGE C.O. #4				\$ 2,300.00		\$ -		\$ 2,300.00
C.O. #6	Storm Manhole, 60"x60", with Frame and Grate	LS	1,000	\$5,850.00	\$ 5,850.00	-	\$ -	1,000	\$ 5,850.00
	TOTAL CHANGE C.O. #6				\$ 5,850.00		\$ -		\$ 5,850.00
C.O. #7	Remove and Cap Flared End Section	LS	1,000	\$500.00	\$ 500.00	-	\$ -	1,000	\$ 500.00
	TOTAL CHANGE C.O. #7				\$ 500.00		\$ -		\$ 500.00
C.O. #8	Class A Surfacing, 2" Thick	SY	1,301,000	\$3.75	\$ 4,878.75	-	\$ -	1,301,000	\$ 4,878.75
	TOTAL CHANGE C.O. #8				\$ 4,878.75		\$ -		\$ 4,878.75
C.O. #10	Water Main Repair 381 E 4th Street	LS	1,000	\$1,150.00	\$ 1,150.00	-	\$ -	1,000	\$ 1,150.00
	TOTAL CHANGE C.O. #10				\$ 1,150.00		\$ -		\$ 1,150.00
C.O. #12	Storm Intake, SW-512, 24"x24" Tee	EA	1,000	\$2,500.00	\$ 2,500.00	-	\$ -	1,000	\$ 2,500.00
	Remove Flared End Section	EA	1,000	\$500.00	\$ 500.00	1,000	\$ 500.00	1,000	\$ 500.00
	TOTAL CHANGE C.O. #12				\$ 3,000.00		\$ 500.00		\$ 3,000.00
C.O. #14	HMA Surface Patch	TONS	40,000	\$255.00	\$ 10,120.00	-	\$ -	45,730	\$ 11,569.69
	TOTAL CHANGE C.O. #14				\$ 10,120.00		\$ -		\$ 11,569.69
C.O. #16	Fire Hydrant Adjustment	EACH	1,000	\$1,050.00	\$ 1,050.00	-	\$ -	2,000	\$ 2,100.00
	TOTAL CHANGE C.O. #16				\$ 1,050.00		\$ -		\$ 2,100.00
C.O. #17	8"x6" Tapping Sleeve and Valve	EA	1,000	\$2,900.00	\$ 2,900.00	-	\$ -	1,000	\$ 2,900.00
	Water Main Testing	EA	1,000	\$900.00	\$ 900.00	-	\$ -	-	\$ -
	Cut and Cap Existing Main	EA	1,000	\$500.00	\$ 500.00	1,000	\$ 500.00	1,000	\$ 500.00
	TOTAL CHANGE C.O. #17				\$ 4,300.00		\$ 500.00		\$ 3,400.00
C.O. #20	Pipe Delivery Charge	EA	1,000	\$300.00	\$ 300.00	1,000	\$ 300.00	1,000	\$ 300.00
	Remove and Reinstall Flared End Section	EA	1,000	\$500.00	\$ 500.00	1,000	\$ 500.00	1,000	\$ 500.00
	TOTAL CHANGE C.O. #20				\$ 800.00		\$ 800.00		\$ 800.00
	TOTAL CONTRACT WITH CHANGE ORDERS				\$ 1,970,424.25		\$ 101,800.60		\$ 2,015,075.66

Retainage _____ 5% _____ \$ 100,753.78

Total Value of Completed Work Less Retainage \$ 1,914,321.88

Previous Payments \$ 1,817,801.31

Current Payment Due \$ 96,520.57

- \$ 101,685.15
- \$ 176,435.41
- \$ 76,120.40 (Not Including Stored Materials)
- \$ 116,069.10 (Not Including Stored Materials)
- \$ 59,616.10 (Not Including Stored Materials)
- \$ 125,499.73 (Not Including Stored Materials)
- \$ 336,861.92
- \$ 221,424.10
- \$ 602,089.40

COUNCIL PACKET

RESOLUTION #110419-03

RESOLUTION APPROVING PAY REQUEST #4 TO CORNERSTONE EXCAVATING, FOR ASH STREET IMPROVEMENT PROJECT

Whereas, the City of Riverside City at the recommendation of the City Engineering Firm, MMS Consultants, Scott Pottorff and it is the opinion of the City Engineering Firm that the City Council accept this pay request in the amount of \$112,913.01 for partial payment of this project from 9/30/19 to 10/28/19.

Therefore, be it resolved the City of Riverside City Council does hereby accept the Pay Request #4 for work done on the Ash Street Improvements project with 78.43% complete.

It was moved by Councilperson _____, seconded by Councilperson _____, to approve the foregoing resolution.

Roll Call: Schneider, Sexton, Rogers, Redlinger, McGuire

Ayes:

Nays:

Absents:

PASSED AND APPROVED by City Council of Riverside, Iowa, on this 4th day of November, 2019.

Signed: _____ Date _____

Allen Schneider, Mayor

Attest: _____ Date _____

Becky LaRoche, City Clerk

COUNCIL PACKET

03

CONSTRUCTION PROGRESS PAYMENT

Project Description	PN: 2245043
Contract Date	<u>Ash/Tupelo Street Improvements</u> <u>15-Apr-19</u>
Contractor:	<u>Cornerstone Excavating</u> Owner: <u>City of Riverside</u>
Address:	<u>P.O. Box 928</u> Attn: _____
City, St., Zip:	<u>Washington, IA 52353</u> Address: <u>60 N. Greene Street</u>
Phone:	<u>319-653-3957</u> City, St., Zip: <u>Riverside, IA 52327</u>
Fax:	<u>319-653-9067</u> Phone: <u>319-648-3501</u>
	Fax: _____

Estimate #	4		Owner PN
	<input checked="" type="checkbox"/>	Partial Payment	Federal PN
	<input type="checkbox"/>	Final Payment	State PN
		FOR PERIOD:	
		FROM: 9/30/19	
		TO: 10/28/19	

Base Contract Price	\$662,406.00
Change #	1 \$650.00
Change #	2 \$7,040.86
Change #	3 \$6,902.00
Change #	4 \$4,242.30
Change #	
Change #	
Total Contract	\$681,241.16

Materials on Hand	\$ -
Construction Completed	\$534,329.90
	78.43%
Total Earned	\$534,329.90
Less Retainage	\$26,716.50
Less Previous Payment	\$394,700.39
Amount Due This Est	\$112,913.01

Requested by:	Approved by:
<u>Jim Zieglowsky</u>	_____
Title: <u>President</u>	Title: _____
Date: _____	Date: _____
Recommended by:	Attested by:
<u>Scott Pottorff</u>	_____
Title: <u>Project Engineer</u>	Title: _____
Date: _____	Date: _____

COUNCIL PACKET

Ash/Tupelo Street Improvements Project

4

Pay Estimate No.:

Cornerstone Excavating

Payable to:

Date: October 30, 2019

Week Ending: October 28, 2019

Item No.	Item Description	Units	Contract Quantity	Unit Price	Contract Amount	Quantity This Estimate	Amount This Estimate	To Date Quantity	To Date Amount
1	Traffic Control	LS	1	\$7,350.00	\$ 7,350.00	-	\$ -	0.50	\$ 3,675.00
2	Mobilization	LS	1	\$35,000.00	\$ 35,000.00	-	\$ -	1.00	\$ 35,000.00
3	Removal of Tree	EA	3	\$1,000.00	\$ 3,000.00	-	\$ -	2.00	\$ 2,000.00
4	Off Site Topsoil	CY	410	\$32.00	\$ 13,120.00	-	\$ -	-	\$ -
5	Excavation, Class 13, Waste	CY	1810	\$18.50	\$ 33,485.00	-	\$ -	1,210.00	\$ 22,885.00
6	Below Grade Excavation (Core Out)	CY	500	\$32.00	\$ 16,000.00	-	\$ -	18.35	\$ 587.20
7	Subgrade Preparation	SY	5,092	\$2.00	\$ 10,184.00	-	\$ -	5,092.00	\$ 10,184.00
8	Subbase, Modified, 4" Thick Rock for PCC Sidewalk & PCC Driveway	SY	313	\$7.00	\$ 2,191.00	-	\$ -	313.00	\$ 2,191.00
9	Subbase, Modified, 6" Thick Rock for Mainline Paving	SY	5,256	\$9.25	\$ 48,618.00	-	\$ -	5,256.00	\$ 48,618.00
10	Subbase, Macadam Stone, 6" Thick	SY	143	\$8.50	\$ 1,215.50	-	\$ -	-	\$ -
11	Subbase, Class A Crushed Stone, 4" Thick	SY	143	\$6.00	\$ 858.00	-	\$ -	-	\$ -
12	Backfilling of Curbs	LF	2,784	\$2.25	\$ 6,264.00	-	\$ -	-	\$ -
13	Granular Trench Backfill, Porous Backfill, 12" Storm Sewer	LF	148	\$18.00	\$ 2,664.00	-	\$ -	148.00	\$ 2,664.00
14	Granular Trench Backfill, Porous Backfill, 18" Storm Sewer	LF	396	\$24.00	\$ 9,504.00	-	\$ -	396.00	\$ 9,504.00
15	Granular Trench Backfill, Porous Backfill, 24" Storm Sewer	LF	346	\$25.00	\$ 8,650.00	-	\$ -	346.00	\$ 8,650.00
16	Storm Sewer, Trenched, ADS N-12, 6" Dia.	LF	116	\$36.00	\$ 4,176.00	-	\$ -	119.00	\$ 4,284.00
17	Storm Sewer, Trenched, RCP, 12" Dia.	LF	495	\$41.00	\$ 20,295.00	-	\$ -	495.00	\$ 20,295.00
18	Storm Sewer, Trenched, RCP, 15" Dia.	LF	38	\$43.00	\$ 1,634.00	-	\$ -	-	\$ -
19	Storm Sewer, Trenched, RCP, 18" Dia.	LF	410	\$45.00	\$ 18,450.00	-	\$ -	410.00	\$ 18,450.00
20	Storm Sewer, Trenched, RCP, 24" Dia.	LF	401	\$57.00	\$ 22,857.00	-	\$ -	401.00	\$ 22,857.00
21	Removal of Culvert	EA	10	\$250.00	\$ 2,500.00	-	\$ -	-	\$ -
22	Flared End Section, RCP, 15"	EA	1	\$850.00	\$ 850.00	-	\$ -	-	\$ -
23	Flared End Section, RCP, 18"	EA	1	\$900.00	\$ 900.00	-	\$ -	-	\$ -
24	Longitudinal Subdrain, Type 2, 6"	LF	1,551	\$8.00	\$ 12,408.00	-	\$ -	1,551.00	\$ 12,408.00
25	Subdrain Cleanout, Type A-1	EA	7	\$650.00	\$ 4,550.00	-	\$ -	-	\$ -
26	Subdrain Outlet, Connection to Structure	EA	9	\$250.00	\$ 2,250.00	-	\$ -	9.00	\$ 2,250.00
27	Connect Existing Sump Pump Outlet or Downspout Drain to Storm Sewer or Subdrain	EA	3	\$750.00	\$ 2,250.00	-	\$ -	6.00	\$ 4,500.00
28	Water Main, 8", PVC DR-18	LF	42	\$160.00	\$ 6,720.00	-	\$ -	42.00	\$ 6,720.00
29	Relocate Existing Fire Hydrant Assembly	EA	2	\$3,500.00	\$ 7,000.00	-	\$ -	2.00	\$ 7,000.00
30	Removal of Water Main	LF	38	\$15.00	\$ 570.00	-	\$ -	38.00	\$ 570.00
31	Gate Valve, 6"	EA	1	\$1,350.00	\$ 1,350.00	-	\$ -	1.00	\$ 1,350.00
32	Storm Sewer Manhole, Type SW-401, 48"	EA	1	\$3,500.00	\$ 3,500.00	-	\$ -	1.00	\$ 3,500.00
33	Storm Inlets, Type SW-509	EA	5	\$4,700.00	\$ 23,500.00	2.50	\$ 11,750.00	5.00	\$ 23,500.00
34	Storm Inlets, Type SW-512, 24"	EA	7	\$1,800.00	\$ 12,600.00	-	\$ -	7.00	\$ 12,600.00
35	Storm Inlets, Type SW-541	EA	2	\$4,550.00	\$ 9,100.00	1.00	\$ 4,550.00	2.00	\$ 9,100.00
36	Storm Inlets, Type SW-541 With SW-542 Extensions Each Way *	EA	3	\$7,150.00	\$ 21,450.00	2.00	\$ 14,300.00	4.00	\$ 28,600.00
37	Storm Inlets, Type SW-545, LO = 14 *	EA	1	\$6,500.00	\$ 6,500.00	-	\$ -	-	\$ -
38	Connect to Existing Storm Structure	EA	4	\$2,000.00	\$ 8,000.00	-	\$ -	2.00	\$ 4,000.00
39	PCC Curb and Gutter, 24" Wide	LF	2,784	\$20.00	\$ 55,680.00	81.00	\$ 1,620.00	2,795.00	\$ 55,900.00
40	HMA Pavement, Base, 1/2" Mix, Standard Traffic	TONS	1,050	\$85.75	\$ 90,037.50	1,010.33	\$ 86,635.80	1,010.33	\$ 86,635.80
41	HMA Pavement, Surface, 1/2" Mix, Standard Traffic	TONS	530	\$86.70	\$ 45,951.00	-	\$ -	-	\$ -
42	HMA Pavement Samples and Testing	LS	1	\$500.00	\$ 500.00	-	\$ -	-	\$ -
43	Fixture Adjustment	EA	7	\$1,500.00	\$ 10,500.00	-	\$ -	-	\$ -
44	Removal of Sidewalk	SY	121	\$7.00	\$ 847.00	-	\$ -	121.00	\$ 847.00
45	Removal of Paved Driveway	SY	236	\$8.50	\$ 2,006.00	-	\$ -	236.00	\$ 2,006.00
46	PCC Sidewalk, 6"	SY	59	\$57.00	\$ 3,363.00	-	\$ -	59.36	\$ 3,383.52

COUNCIL PACKET

Item No.	Item Description	Units	Contract Quantity	Unit Price	Contract Amount	Quantity This Estimate	Amount This Estimate	To Date Quantity	To Date Amount
47	PCC Driveway, 6" Thick	SY	255	\$47.00	\$11,985.00	-	\$-	332.28	\$15,616.22
48	Removal of Pavement	SY	2,686	\$6.50	\$17,459.00	-	\$-	2,886.00	\$18,434.00
49	Bituminous Seal Coat	SY	143	\$34.00	\$4,862.00	-	\$-	-	\$-
50	Curb and Gutter Removal	LF	193	\$10.00	\$1,930.00	-	\$-	193.00	\$1,930.00
51	Mulching for Erosion Control	ACRE	0.5	\$2,000.00	\$1,000.00	-	\$-	-	\$-
52	Seeding, Fertilizing and Mulching for Hydraulic Seeding, Type 2 Seed Mixture	ACRE	0.05	\$15,000.00	\$750.00	-	\$-	-	\$-
53	Sod	SQ	284	\$65.00	\$18,460.00	-	\$-	-	\$-
54	SWPPP Management	LS	1	\$2,250.00	\$2,250.00	-	\$-	-	\$-
55	Silt Fence	LF	770	\$1.70	\$1,309.00	-	\$-	-	\$-
56	Silt Fence, Clean Out Sediment	LF	770	\$0.50	\$385.00	-	\$-	-	\$-
57	Inlet Protection Device	EA	18	\$50.00	\$900.00	-	\$-	6.00	\$300.00
58	Inlet Protection Device Maintenance	EA	18	\$25.00	\$450.00	-	\$-	-	\$-
	TOTAL CONTRACT				\$663,056.00		\$118,855.80		\$516,144.74
C.O. #2	Relocate Water Main at Ash and Buckeye STA 107+00	LS	1,000	\$2,693.21	\$2,693.21	-	\$-	1,000	\$2,693.21
	Lower Water Main at STA 110+58.71	LS	1,000	\$4,347.65	\$4,347.65	-	\$-	1,000	\$4,347.65
	TOTAL CHANGE C.O. #2				\$7,040.86		\$-		\$7,040.86
C.O. #3	Utility Company Delays	LS	1,000	\$6,902.00	\$6,902.00	-	\$-	1,000	\$6,902.00
	TOTAL CHANGE C.O. #3				\$6,902.00		\$-		\$6,902.00
C.O. #4	Lower Sanitary Service at STA 106+38 and Sanitary Repair at STA 105+65	LS	1,000	\$2,245.64	\$2,245.64	-	\$-	1,000	\$2,245.64
	Lower Sanitary Service and Water Service at STA 104+40	LS	1,000	\$981.66	\$981.66	-	\$-	1,000	\$981.66
	Relocate Water Service at House #702	LS	1,000	\$1,015.00	\$1,015.00	-	\$-	1,000	\$1,015.00
	TOTAL CHANGE C.O. #4				\$4,242.30		\$-		\$4,242.30
	TOTAL CONTRACT WITH CHANGE ORDERS				\$681,241.16		\$118,855.80		\$534,329.90

*Quantity changed with Change Order #1

Pay Estimate #1
 Pay Estimate #2
 Pay Estimate #3

Retainage 5% \$ 26,716.50
 Total Value of Completed Work Less Retainage \$ 507,613.40
 Previous Payments \$ 394,700.39
 Current Payment Due \$ 112,913.01

FYI

City Admin

From: Scott Pottorff <S.pottorff@mmsconsultants.net>
Sent: Wednesday, October 30, 2019 9:23 AM
To: 'City Admin'
Subject: RE: Draft Punch List
Attachments: 2245038billpochsod.pdf

There is 3 SQ of sod included in the change order for Pochs.

Attached is an exhibit for Pochs. The red is approximately what we had figured in the bid. The blue is an estimate of what actually got installed. The area in red as about 4500 SF, 45 SQ in the bid.

The area in blue to the northeast is about 450 SF, 4.5 SQ. I estimated 3 SQ for this area but it ended up a little bigger.

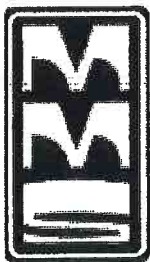
The blue area to the southeast is about 1900 SF, 19 SQ. The bid should have included some of the sod around the intake as this was always planned to be disturbed. But the tree removal and other stuff that happened around that box culvert was all added after the bid. I would say the sod around the intake and box culvert was all likely intended as part of the work. I estimate about 900 SF, 9 SQ, around the intake and box culvert as a result of the work there.

The only area I would question would be between the curb and the originally intended area east of the driveway. This is about 10 SQ in area.

The bid price for sod is \$60/SQ.

I am meeting Bryan this morning to measure the manholes myself. My thought is that any that are $\frac{3}{4}$ " or more below adjacent asphalt will need to be redone. I will send Brad an email outlining these locations later today.

I am working on pay requests for Highway 22 and Ash/Tupelo. I will send them to you by the end of the day.

**Scott Pottorff, P.E.***Project Manager*

Ofc: (319) 351-8282

Direct: (319) 339-4153

Cell: (319) 631-0365

S.pottorff@mmsconsultants.netmmsconsultants.net

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From: City Admin [mailto:admin@cityofriversideiowa.com]
Sent: Tuesday, October 29, 2019 2:44 PM
To: 'Scott Pottorff'
Subject: RE: Draft Punch List

Ok-then why does this seem to be such an issue? I am hearing that there is discussion that this is a city responsibility.

On another thing, was the cost of the sod included in the 50/50 cost assessed for the Bill Poch project, and if so, how much?

COUNCIL PACKET



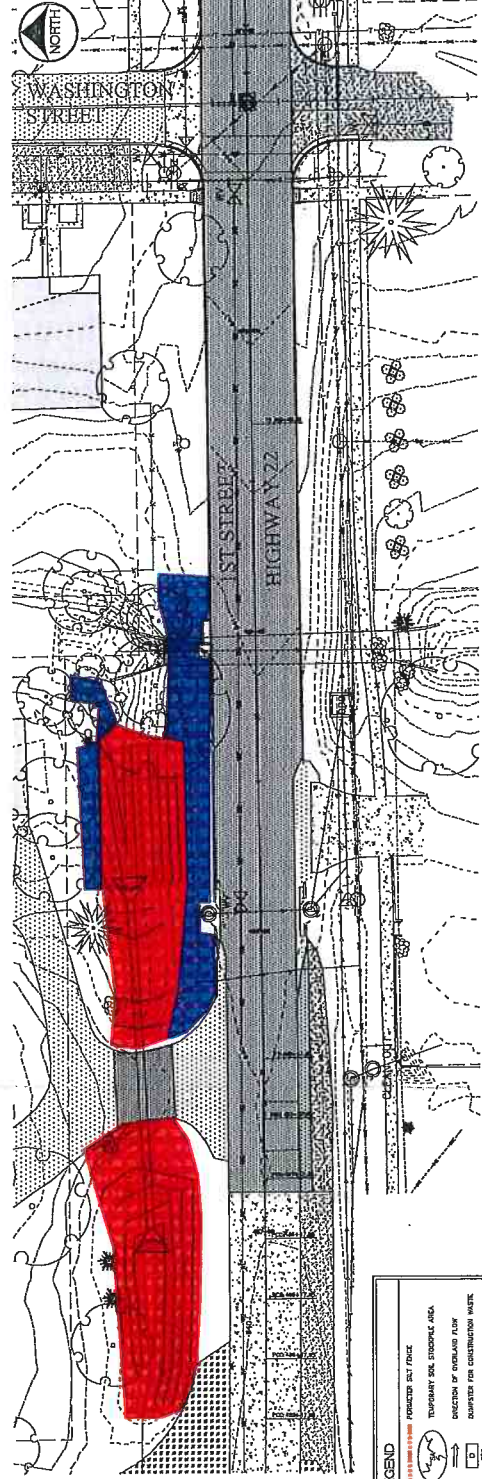
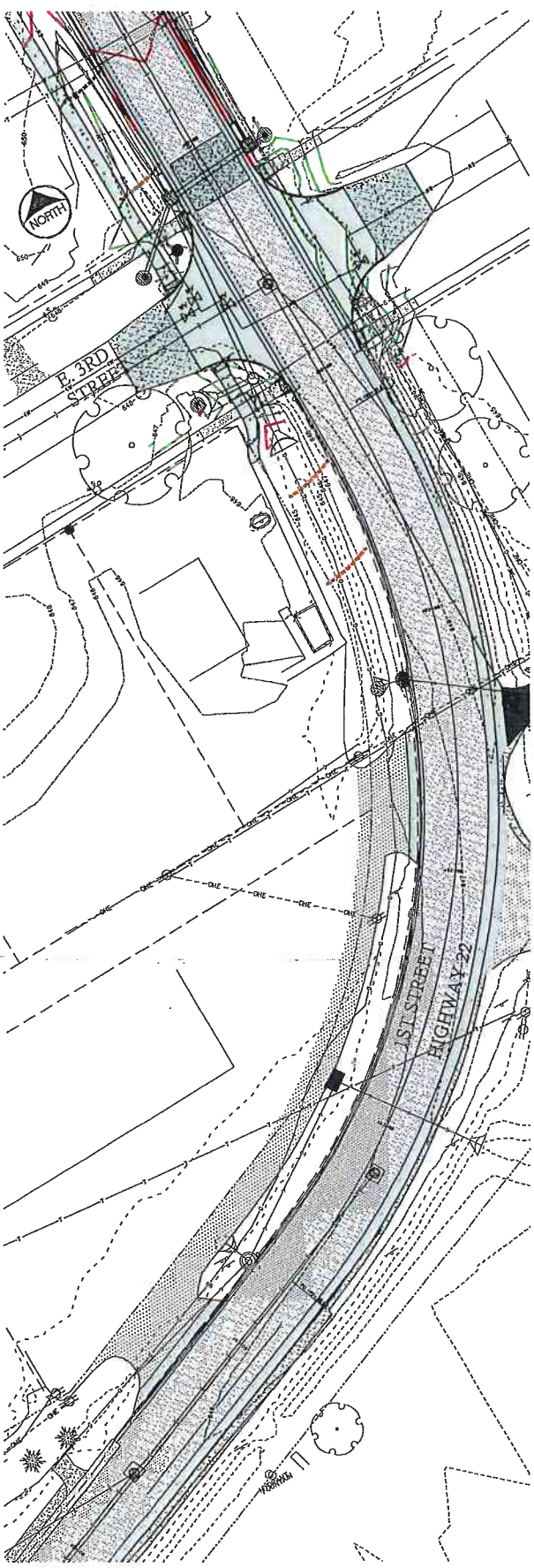
CIVIL ENGINEERS
LAND PLANNERS
LAND SURVEYORS
LANDSCAPE ARCHITECTS
ENVIRONMENTAL SPECIALISTS
1917 S. CALHOUN ST.
IOWA CITY, IOWA 52242
www.masconsultants.com

PROJECT: ADDRESS: 22
22222 ADDRESS: 22
22222 ADDRESS: 22
22222 ADDRESS: 22

GRADING AND
EROSION
CONTROL
PLAN: HIGHWAY
22 STA: 466+00 -
477+00 AND
491+00 - 497+00

HIGHWAY 22
IMPROVEMENTS
STPN 022-2(10)-2(192)
WASHINGTON COUNTY
STATE OF IOWA
BOP STA: 487+18
EOP STA: 515+64

MAS CONSULTANTS, INC.
07/05/2018
Drawn by: [Name]
Checked by: [Name]
Project No.: C3.0
IOWA CITY
2245-038



EROSION CONTROL LEGEND

- PERFORATED SILT FENCE
- TEMPORARY FENCE
- CONSTRUCTION ENTRANCE/EXIT
- TEMPORARY PARALLEL AND STORAGE
- CONCRETE TRUCK/WARRANT MARKER
- PERFORMANCE RESTRICTION
- DOCUMENT LOCATION (POSTERS, SIGNS, INFORMATION POSTERS, ETC.)
- FLYING ROCK SILENT PROTECTION
- FLYING ROCK BOUND STOP AT CROSS RAMP
- PERFORATED SILT FENCE
- TEMPORARY SILT STORAGE AREA
- CONCRETE TRUCK/WARRANT MARKER
- PERFORMANCE RESTRICTION
- DOCUMENT LOCATION (POSTERS, SIGNS, INFORMATION POSTERS, ETC.)
- FLYING ROCK SILENT PROTECTION
- FLYING ROCK BOUND STOP AT CROSS RAMP

THIS LEGEND SHALL BE USED IN ALL EROSION CONTROL PLANS. IF A CONTROL MEASURE IS LISTED AS SUBJECT TO A USE, THE USER SHALL VERIFY THAT THE MEASURE IS APPROPRIATE FOR THE USE. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES.