

**BOA Meeting Agenda
Peculiar City Board of Aldermen
Work Session Meeting and Public Hearing
City Hall – 250 S. Main St
Monday April 6, 2015 6:30 p.m.**

Notice is hereby given that the Board of Aldermen of the City of Peculiar will hold a regularly scheduled meeting on Monday, April 6, 2015 at 6:30 pm, in the Council Chambers at 250 S. Main St. Representatives of the news media may obtain copies of this notice by contacting the City Clerk at City Hall, 250 S. Main St Peculiar, MO 64078 or by calling 816-779-2221. All proposed Ordinances and Resolutions will be available for viewing prior to the meeting in the Council Chambers.

- 1. Call to Order**
- 2. Pledge of Allegiance**
- 3. Roll Call**
- 4. City Clerk – Read the Board of Alderman Statement**
- 5. Public Comment – Caring Hearts of Peculiar Representative Larry Dobson – Street Clean-Up Day.

Public Comment – City Resident Barbara A. Smith – City Services.**
- 6. New Business**
 - A. Bill No. 2015-13 - AN ORDINANCE OF THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI APPROVING AND ACCEPTING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION (MODOT) UTILITY AGREEMENT – ACTUAL COST FOR THE I-49 AND 211TH STREET INTERCHANGE (CASS COUNTY), MISSOURI, JOB NO. J4P2247
1ST Reading**
 - B. Bill No. 2015-14 - AN ORDINANCE OF THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI APPROVING AND ACCEPTING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION (MODOT) UTILITY AGREEMENT – ACTUAL COST FOR THE 211TH STREET (CASS COUNTY), MISSOURI, JOB NO. J4P2247B
1ST Reading**
- 7. Topics for Discussion -**
 - A. Set ½ day session with VI Marketing and Branding**
- 8. Aldermen Concerns**
- 9. Aldermen Directives**
- 10. Adjournment**

City Administrator
Brad Ratliff

City Clerk
Janet Burlingame

City Attorney
Reid F. Holbrook



City Engineer
Carl Brooks

Business Office
Trudy Prickett

City Planner
Cliff McDonald

Municipal Offices - 250 S. Main St., Peculiar, MO 64078
Phone: 816.779.2221 Facsimile: 816.779.6213

AGENDA REQUEST FORM
(Board of Aldermen)

This form must be completed and submitted to the office of the City Clerk. Complete materials for the agenda shall be submitted no later than Wednesday at 5:00 pm, 9 business days prior to the next Board of Aldermen's meeting. If an observed holiday falls on a Thursday, materials will be accepted until 5:00 pm on Wednesday. The Board of Aldermen's Regular Meeting is to be held the Third Monday of each month.

Date of Request: 3-25-15

Scheduled Meeting Date: 4-6-15

Full Name of Speaker: Larry Dobson Organization: Caring Hearts of Peculiar

Home Address: 1712 E 58 Hwy City: Raymore State: MO Zip: 64083

Home Phone #: 331-2888 Work Phone #: _____ Cell #: 716-5387 Email: LL.Dobson@aol.com
Resident of the City of Peculiar? Yes No

Specifics of Topic: to make city council aware of Peculiar Street Clean Up Day and permission

Desired Outcome: to place signs promoting this day after the next election

If applicable has this item been previously presented to any of the following Boards for consideration?

<input type="checkbox"/> Board of Aldermen	Date Presented _____	Outcome _____
<input type="checkbox"/> Planning Commission	Date Presented _____	Outcome _____
<input type="checkbox"/> Park Board	Date Presented _____	Outcome _____
<input type="checkbox"/> Board of Adjustment	Date Presented _____	Outcome _____

***I have been made aware of the date and time of the next scheduled Board of Aldermen meeting.

Office Use Only:
Date request Received: _____

Signature: Larry Dobson

City Administrator
Brad Ratliff



Chief of Police
Harry Gurin

City Clerk
Nick Jacobs

City Planner
Cliff McDonald

City Engineer
Carl Brooks

City Attorney
Reid Holbrook

Business Office
Trudy Prickett

Municipal Offices – 250 S. Main Street, Peculiar, MO 64078
Phone: (816)779-5212 Facsimile: (816)779-1004

Parks Director
Nathan Musteen

To: Mayor & Board of Aldermen
From: Nick Jacobs, Public Works Manager (njacobs@cityofpeculiar.com)
Date: April 2, 2015
Re: Property owner has numerous issues she would like resolved.

GENERAL INFORMATION

Applicant: City Staff
Requested Actions: Property owner request to have driveway repaired.
Property Location: 829 Morgan Drive
Purpose: Property owner has numerous issues she would like resolved

PROPOSAL

City staff has contacted Mrs. Smith at 829 Morgan Drive. She had several issues that she would like to see addressed.

PREVIOUS ACTIONS

No previous action.

KEY ISSUES

Mrs. Smith is dissatisfied with the service Town & Country. Staff explained that the City is currently in a contract with Town & Country and that is why a different provider may not be used.

Mrs. Smith is upset that the trees at the end of Morgan Drive are lifting her curb and driveway. Staff cannot determine if the trees are in fact within the City's Right of Way without a surveyor marking the property lines. The trees are in fact lifting the curb but staff saw no evidence of the driveway being lifted. The curb is set to be replaced this year.

Mrs. Smith asked about snow removal on weekends. She stated previously she had difficulty getting home on a Saturday when it had snowed because her street had not been hit. Staff assured her that it is the goal of the Public Works division to hit all streets during a snowstorm. Staff apologized for the trouble it caused her.

Mrs. Smith asked about adding another street light at the end of the subdivision. Staff told her to make the request to the City Engineer so he may bring it to the Board of Aldermen to approve. The nearest street light is approx. 200 feet away.

Staff told Mrs. Smith that for future issues she can contact her Alderman and they will bring it before the Board to get action taken as she stated she did not know the proper procedure to have issues taken care of.

STAFF COMMENTS AND SUGGESTIONS

Staff comments are above.

STAFF RECOMMENDATION

Staff feels that it has corrected or given a corrective plan to Mrs. Smith for the issues she has stated.

City Administrator
Brad Ratliff

City Clerk
Janet Burlingame

City Attorney
Reid F. Holbrook



City Engineer
Carl Brooks

Business Office
Trudy Prickett

City Planner
Cliff McDonald

Municipal Offices - 250 S. Main St., Peculiar, MO 64078
Phone: 816.779.2221 Facsimile: 816.779.5213

AGENDA REQUEST FORM
(Board of Aldermen)

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Date of Request: 3/26/2015 Scheduled Meeting Date: 4/6/2015

Full Name of Speaker: Barbara A. Smith Organization: Self

Home Address: 829 Morgan Drive City Peculiar State MO Zip 64078

Home Phone #: — Work Phone #: — Cell #: 816-206-7476 Email: drbarbsmith@comcast.net
Resident of the City of Peculiar? Yes No

Specifics of Topic:

① Dissatisfaction with Town & Country Trash service; ②

Trees at end of Morgan Drive lifting my driveway + gutters not repaired; ③ snow (street) removal; ④ lack of street lights.

Desired Outcome: ① Option to use another trash service; ②

Repaired before June 1st; ③ Remove snow on weekends; ④

Improve security of neighborhood by increased lighting + police patrol.
If applicable has this item been previously presented to any of the following Boards for consideration? -BAS

<input type="checkbox"/> Board of Aldermen	Date Presented _____	Outcome _____
<input type="checkbox"/> Planning Commission	Date Presented _____	Outcome _____
<input type="checkbox"/> Park Board	Date Presented _____	Outcome _____
<input type="checkbox"/> Board of Adjustment	Date Presented _____	Outcome _____

***I have been made aware of the date and time of the next scheduled Board of Aldermen meeting.

Office Use Only:

Date request Received: _____

Signature: Barbara A. Smith, Ed. D., MSN, RN

City Administrator

Brad Ratliff

City Clerk

Nick Jacobs

City Attorney

Reid F. Holbrook



City Engineer

Carl Brooks

Chief of Police

Harry Gurin

Business Office Manager

Trudy Prickett

Municipal Offices – 250 S. Main Street, Peculiar, MO 64078
Phone: 816.779.5212 Facsimile: 816.779.1004

To: Mayor & Board of Aldermen
From: Carl Brooks, City Engineer (cbrooks@cityofpeculiar.com)
Date: April 2, 2015 2015
Re: Bill No. 2015-13, Mayor & Board of Alderman (BOA) Acceptance of the Missouri Highways and Transportation Commission (MoDOT) Utility Agreement – Actual Cost for the I-49 and 211th Street Interchange (Cass County), Missouri, Job No. J4P2247
Utility Agreement – Actual Cost for the I-49 and 211th Street Interchange Project (Cass County), Missouri

GENERAL INFORMATION

Applicant: City Staff
Requested Actions: Approval of ordinance
Purpose: Acceptance of the Missouri Highways and Transportation Commission (MoDOT) Utility Agreement – Actual Cost for the I-49 and 211th Street Interchange Project (Cass County), Missouri, Job No. J4P2247
Property Location: I-49 and 211th Street Interchange

PROPOSAL

The commission proposes to construct and improve a section of state highway designated as Job No. J4P2247 Route I-49, Cass County; and a Cost Share Grant application have been awarded by MoDOT to the City in the amount of \$8.164 Million. Final plans, specifications and cost estimates have been provided by the engineer for the Waterline Relocation and Sanitary Sewer Installation. MoDOT’s obligation toward the cost of the work under this Agreement shall be 100 percent of the actual cost, which obligation is now estimated to be \$145,083.47.

PREVIOUS ACTIONS

The MoDOT Municipal Agreement and Cost Share Agreement were approved as an ordinance with the second reading by the Mayor and the Board of Aldermen at their regular meeting on June 18, 2012. The MoDOT Cost Share Supplemental Agreement No. 1 for the I-49 & 211th Street Interchange Project and the 211th Street Project were approved as an ordinance with the second reading by the Mayor and the Board of Aldermen at their regular meeting on February 18, 2014. The MoDOT Cost Share Supplemental Agreement No. 2 for the I-49 & 211th Street Interchange Project and the 211th Street Project were approved as an ordinance with the second reading by the Mayor and the Board of Aldermen at their regular meeting on January 5, 2015.

KEY ISSUES

The engineer has estimated the cost of the 8-Inch Waterline to be \$138,795.00, and the cost of the 12-Inch Waterline to be \$208,035.50. Please note that this amount does not include the \$162,377.00 for the proposed sanitary sewer main and 6-Inch utility conduit.
The engineer has estimated the total construction cost of the 8-Inch Waterline and Sanitary Sewer Improvements to be \$592,549.00, and the cost of the 12-Inch Waterline to be \$758,594.00.

The City received eight (8) bids. The City received bids ranging in cost from \$450,843.25 to \$776,398.00.

MoDOT Commission (Committee) will pay one hundred percent (100%) of the actual project cost of the 8-Inch waterline.

The City will pay one hundred percent (100%) of the actual project cost of the 12-Inch waterline, if selected by City to construct, less the actual project cost of the 8-Inch waterline.

The City has budgeted \$110,000 for the 12-Inch waterline upsize cost, and \$160,000 for the proposed sanitary sewer main and 6-Inch utility conduit in conjunction with the I-49 & 211th Street Interchange and 211th Street Projects.

STAFF COMMENTS AND SUGGESTIONS

Although, the engineer's projects' construction cost estimates have greatly increased by \$136K for the 8-Inch Waterline and \$192K for the 12-Inch waterline when compared to the previous construction cost estimates of April 2014. However, The *Good News* is that the City received bids ranging in cost from \$450,843.25 to \$776,398.00.

City, Engineer and MoDOT staff will be reviewing the recent bids received on April 2, 2015 to be sure that the pay item quantities and unit prices are accurate. If necessary, we may also need to identify work that we might be able to reduce or eliminate from the project in order to keep the project on budget.

City staff, engineer and the MoDOT local agency staff have meet and discussed the project schedule, and funding time line for the I-49 and 211th Street Interchange Project. The MoDOT Utility Agreement for the I-49 and 211th Street Interchange Project is attached for your review and consideration.

STAFF RECOMMENDATION

City staff recommends the approval of the MoDOT Utility Agreement for the I-49 and 211th Street Interchange Project be accepted by ordinance by the Mayor and the BOA.

ATTACHMENTS

Bill 2015-13, Exhibit A

MoDOT Utility Agreement for the I-49 and 211th Street Interchange Project, Exhibit B

BILL NO. 2015-13

ORDINANCE _____

A ORDINANCE OF THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI APPROVING AND ACCEPTING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION (MODOT) UTILITY AGREEMENT – ACTUAL COST FOR THE I-49 AND 211TH STREET INTERCHANGE (CASS COUNTY), MISSOURI, JOB NO. J4P2247

WHEREAS, the Board of Aldermen previously approved the MoDOT Municipal Agreement and Cost Share Agreement for the 211th Street 71 Hwy Interchange (Cass County), and the MoDOT Cost Share Supplemental Agreement Nos. 1 and 2 for the I-49 & 211th Street Interchange Project and the 211th Street Project, and

WHEREAS, in order to improve said highway in accordance with said plans, it will be necessary to adjust certain facilities now located entirely on private easement of the City in order to maintain the present services of said City,

WHEREAS, such changes being generally shown in legend on plan marked Exhibit “A”, and the estimate of cost marked Exhibit “B”,

NOW THEREFORE, be it ordained by the Board of Aldermen of the City of Peculiar, Missouri as follows:

Section 1. MoDOT’s obligation toward the cost of the work under this Agreement shall be 100 percent of the actual cost, which obligation is now estimated to be \$145,083.47.

Section 2. The Mayor is authorized to execute this ordinance acknowledging the MoDOT Utility Agreement – Actual Cost for the I-49 and 211th Street Interchange, Job No. J4P2247.

Section 3. *Effective Date.* The effective date of this Ordinance shall be the ____ day of _____, 2015.

First Reading: _____

Second Reading: _____

BE IT REMEMBERED THE PRECEDING ORDINANCE WAS ADOPTED ON ITS SECOND READING THIS ____ DAY OF _____, 2015, BY THE FOLLOWING VOTE:

Alderman Fines _____
Alderman Ford _____
Alderman McCray _____

Alderman Ray _____
Alderman Roberts _____
Alderman Turner _____

APPROVED:

ATTEST:

Holly Stark, Mayor

Janet Burlingame, City Clerk

CCO Form: UT03
Approved: 1/98 (BDG)
Revised: 04/14 (AR)
Modified:

Route I-49
County Cass
Job No. J4P2247

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
UTILITY AGREEMENT - ACTUAL COST**

(For City or City Use, When Facility Occupies Private Easement)

THIS AGREEMENT is entered into by the Missouri Highways and Transportation Commission (hereinafter, "Commission") and the City of Peculiar, Missouri (hereinafter, "City").

WITNESSETH:

WHEREAS, the Commission proposes to construct and improve a section of state highway designated as Job No. J4P2247, Route I-49, Cass County, in the vicinity of 211th Street in accordance with certain road plans on file in the office of the County Clerk of Cass County, Missouri; and

WHEREAS, in order to improve said highway in accordance with said plans, it will be necessary to adjust certain facilities now located entirely on private easement of the City in order to maintain the present services of said City, such changes being generally shown in legend on plan marked Exhibit "A", and estimate of cost marked Exhibit "B" attached hereto and each made a part hereof;

NOW, THEREFORE, in consideration of these mutual covenants, the parties agree as follows:

(1) **RELEASE:** The **City** grants to the Commission such right, title and interest which the **City** may have in and to the right of way of said state highway.

(2) **COMPLY WITH FEDERAL AID POLICY GUIDE (FAPG):** The City agrees that the detail plan and estimate of cost for the required adjustment of the City's facilities have been prepared in accordance with FAPG 23 CFR 645A and any amendments which by reference are made a part of this Agreement. The City also agrees that the work will be performed in accordance with said regulation.

(3) **COMMENCEMENT AND COMPLETION OF WORK:** After approval of the detail plan and estimate of cost and upon notification by the Commission, the City will commence, without unnecessary delay, to make changes to its facilities. The City will actively pursue completion of the work to reach the earliest possible completion date and to minimize interference with the Commission's roadway contractor. The City agrees to provide a written estimated time schedule of its planned work and a written notification to the Commission's district engineer at least five (5) days prior to beginning

the work. If the City falls behind in its work schedule, it shall submit a revised work schedule to the Commission's **(area/resident)** engineer. The City will make every effort to get back on schedule and complete its work. The City has an affirmative duty to cooperate and coordinate its activities with those of the Commissions' roadway contractor. The Commission's contractor has a contractual requirement to cooperate and coordinate its activity with the City and other utility companies on this job.

(4) **AUDIT OF RECORDS:** The City shall develop the adjustment cost of the work by using the actual and related indirect cost accumulated in accordance with an established accounting procedure used by the City in its regular operations and shall keep a detailed and accurate account of all labor, materials, supplies, incidentals, and other necessary costs involved in making such changes. The Commission's **(area/resident)** engineer in charge of said project, or any authorized agent of the Commission or the Federal Highway Administration, shall have access during normal business hours to such City records. These records must be available during the contract period and any extension, and for three (3) years from the date of final payment at no charge.

(5) **SUBCONTRACT:** The City is not adequately staffed or equipped to perform all work and intends to contract portions and will comply with FAPG 23 CFR 645A relating to performing part or all of the work by contract. Furthermore, if the City solicits bids for the work, the City is to furnish to the Commission a tabulation of bids received, a copy of the proposal used in securing the bids, and any other information to support the City's recommendation for award to the lowest qualified bidder prior to any contract work being performed.

(6) **CHANGE ORDER:** If any substantial change is made in the original plan and extent of the work, the City agrees that reimbursement shall be limited to costs covered by a supplemental agreement or change order prepared by the Commission's **(area/resident)** engineer or his/her representative and having approval of the Commission and Federal Highway Administration PRIOR to the performance of the work, as set out in FAPG 23 CFR 645A.

(7) **BACKFILL:** The City agrees to compact backfill of all excavation within the roadway limits in accordance with the Missouri Standard Specifications for Highway Construction, current edition, or as approved by the Commission's resident engineer.

(8) **CONDITION OF RIGHT OF WAY:** Upon completion of the work provided in this Agreement, the City shall remove all leftover materials and debris resulting from the work and leave the right of way in a neat, workmanlike condition, free of holes, mounds of dirt, or other objectionable material.

(9) **SAFETY DEVICES:** At all times when work is being performed by the City under such conditions as will affect traffic on the public highways, the City will display warning signs, barricades, flags, lights and/or flares as circumstances may require and shall employ and use a flagger when required for safety of the traveling public, all in

accordance with the standards set forth in the "Manual on Uniform Traffic Control Devices" (MUTCD).

(10) COST: The total cost of the work required for the highway construction is estimated to be \$145,083.47.

The Commission's obligation toward the cost of the work under this Agreement shall be 100 percent of the actual cost, which obligation is now estimated to be \$145,083.47.

The Commission's obligation shall extend only to those costs incurred under the provisions of FAPG 23 CFR 645A. Upon approval of the City's plan and estimate of cost, the Commission will promptly pay the City for 100% of the Commission's obligation. The Commission will afterwards conduct an audit of the City's statement and supporting records. If the audit reveals that the City has been overpaid, the City will immediately refund to the Commission such overpayment.

(11) COMMISSION REPRESENTATIVE: The Commission's **(area/resident)** engineer is designated as the Commission's representative for the purpose of administering the provisions of this Agreement.

(12) LAW OF MISSOURI TO GOVERN: This Agreement shall be construed according to the laws of the state of Missouri. The City shall comply with all local, state and federal laws and regulations relating to the performance of this Agreement.

(13) VENUE: It is agreed by the parties that any action at law, suit in equity, or other judicial proceeding to enforce or construe this Agreement, or regarding its alleged breach, shall be instituted only in the Circuit Court of Cole County, Missouri.

(14) FINAL INVOICE SUBMITTAL: After completion of the utility work, the City agrees to submit a final invoice for the cost of the work to the Commission within sixty (60) days or as mutually agreed to by the Commission's **(area/resident)** engineer or his/her representative. The final invoice shall be in as much detail as possible to verify the cost of the completed work. It should follow the format of the original cost estimate (Exhibit B) when possible to promote faster processing by the Commission. The Commission's resident engineer will process the final invoice as soon as possible after receipt. If the final invoice is greater than the Commission's payment provided in paragraph (10), the Commission shall promptly pay the City the additional Commission obligation. Conversely, if the final invoice is less than the Commission's payment, the City shall promptly remit the Commission's overpayment.

(15) ASSIGNMENT: The City shall not assign, transfer or delegate any interest in this Agreement without the prior written consent of the Commission.

(16) COOPERATION: When the City relocation work is being done concurrent with the Commission's roadway contractor operation, the City agrees to cooperate and coordinate its work to minimize disturbance to the roadway contractor or other utility

companies working on the project.

(17) HIGHWAY IMPROVEMENT INFORMATION: The Commission agrees to furnish the City all necessary information on the highway improvement in order to properly carry out the utility relocation. Known hazardous waste sites will be identified on the right of way.

(18) WORK CANCELED: If the Commission instructs the City not to proceed with the work, the Commission shall reimburse the City for the Commission's percentage share of the City's costs incurred prior to the date the work is canceled, as allowed pursuant to FAPG 23 CFR 645A. The City shall promptly return to the Commission any funds in excess of those actually incurred prior to the date the work is canceled.

(19) BUY AMERICA REQUIREMENT COMPLIANCE: The **City** agrees to abide by the provisions of the Buy America requirements as found in 23 USC 313 and 23 CFR 635.410 for the Commission's Federal-Aid Construction Program.

(A) Buy America Compliance Certification: The **City** certifies that when determining products/materials subject to Buy America requirements to use in the performance of this Agreement, it shall use only such products/materials for which it has received a certification from its supplier, or provider of construction services that procures the product/material, certifying compliance with Buy America requirements. This does not include products/materials for which waivers have been granted pursuant to 23 CFR 635.410 or those products/materials that are excluded from compliance with Buy America requirements in the Commission's Engineering Policy Guide 643.2.1.43. The **City** will not be required to provide the Commission copies of the supplier certification as part of this Agreement or with the final invoice of said Commission's Federal-Aid Highway Construction Project.

(B) Buy America Record Retention: The **City** agrees to retain all Buy America compliance documents obtained pursuant to paragraph (20)(A) above, for a period of time of no less than 3 years after the receipt of the final reimbursement for the project by FHWA of said Commission's Federal-Aid Highway Construction Project in accordance with 49 CFR 18.42 (b) and (c). All Buy America compliance documents shall be made available upon request of, and at no cost to, the Commission and/or Federal Highway Administration.

[Remainder of Page Intentionally Left Blank. Signatures Appear on Following Page.]

IN WITNESS WHEREOF, the parties have entered into this Agreement on the last date written below.

Executed by the **City** this ____ day of _____, 20__.

Executed by the Commission this ____ day of _____, 20__.

MISSOURI HIGHWAYS AND
TRANSPORTATION COMMISSION

CITY OF PECULIAR, MISSOURI

Title _____

By _____

Print Name _____

Title _____

ATTEST:

ATTEST:

Secretary to the Commission

By _____

Title _____

Approved as to Form:

Approved as to Form:

Commission Counsel

Title _____

Corporate Seal [if applicable]

Ordinance No. _____ [if applicable]

Waterline Relocation and Sanitary Sewer Installation at I49 and 211th St.

City of Peculiar Missouri

Opinion of Probable Costs - MoDOT

8-inch Base Bid

March 16, 2015

8" PVC	LF	2935	\$ 29.00	\$ 85,115.00
Locator Wire	LF	2935	\$ 0.30	\$ 880.50
8" Gate Valve with box	EA	8	\$ 2,100.00	\$ 16,800.00
Connect to existing 8" waterline (2A)	LS	1	\$ 3,500.00	\$ 3,500.00
Connect to existing 8" waterline (2B)	LS	1	\$ 3,500.00	\$ 3,500.00
Connect to existing 8" waterline (3A)	LS	1	\$ 3,500.00	\$ 3,500.00
Fire Hydrants	LS	6	\$ 3,500.00	\$ 21,000.00
Abandon Waterlines	LS	3	\$ 1,500.00	\$ 4,500.00
	Construction Subtotal			\$ 138,795.50

EXHIBIT "B"
UTILITY AGREEMENT
WATER ADJUSTMENT
CITY OF PECULIAR
JOB NO. J4P2247

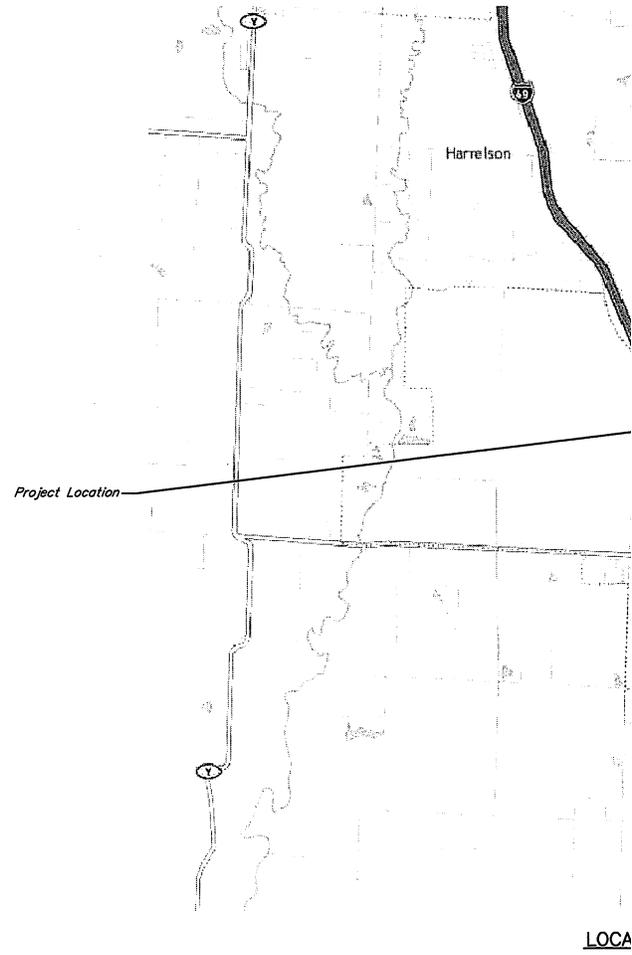
COST BREAKDOWN

	Peculiar	Commission
Construction		\$ 138,795.50
Engineering		<u>\$ 6,287.97</u>
Totals		\$ 145,083.47
Peculiar Responsibility	0.00%	
Commission Responsibility	100.00%	

WATERLINE RELOCATION AND INTERSTATE I-49 A PECULIAR 03140

INDEX OF SHEETS:

1. COVER SHEET
- 2.-6. PLAN SHEETS
7. MISCELLANEOUS DETAILS
8. SANITARY SEWER PLAN AND PROFILE
9. SANITARY SEWER DETAIL

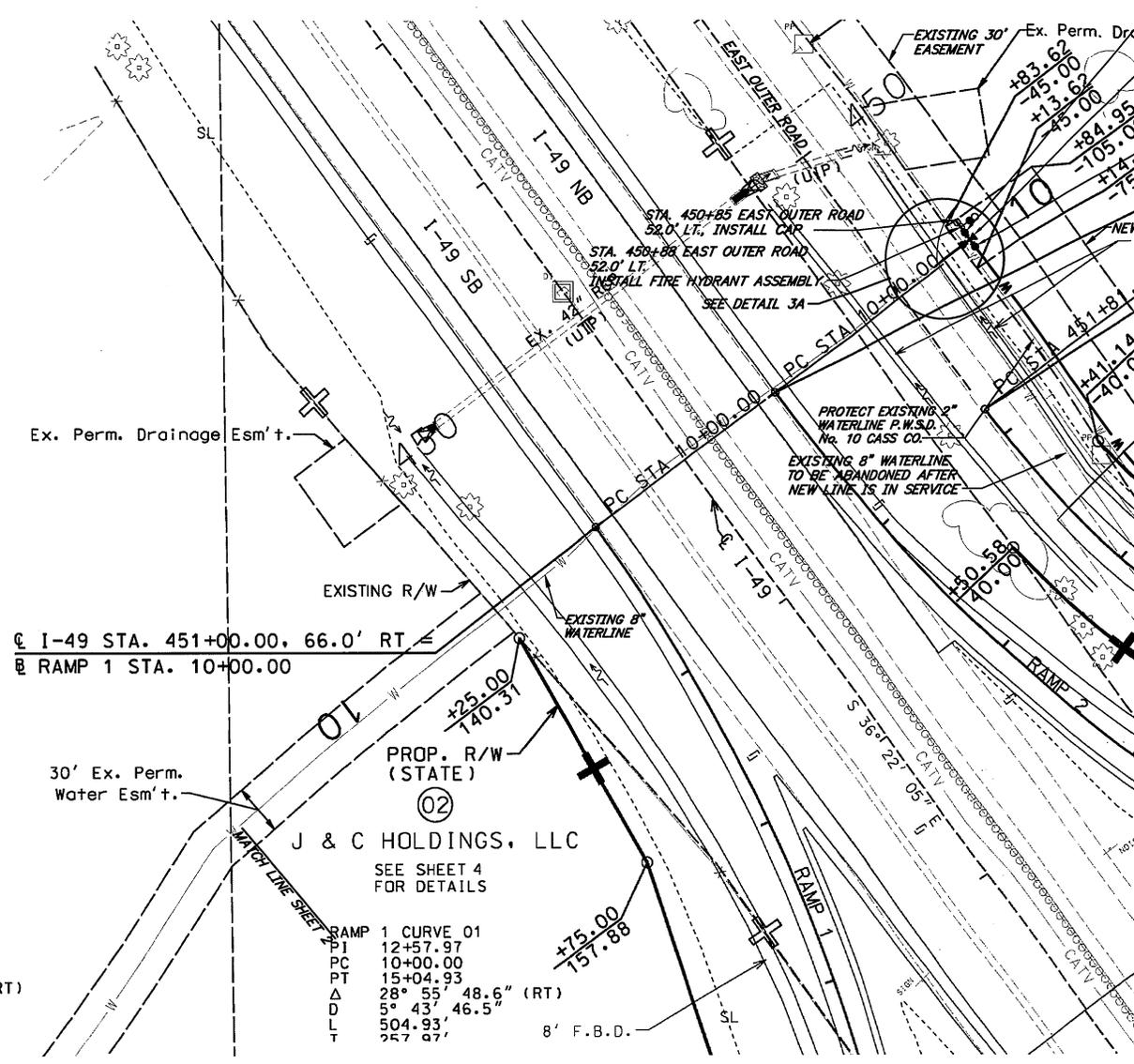


**MISSOURI
STATE LOCATION MAP**



**LARKIN
LAMP RYNEARSON**

L:\0314026 Peculiar MO I-49 and 211th Water Relocation\DRAWINGS\PRODUCTION\0314026CP101.dwg March 10, 2015 - 10:05am DorrellA

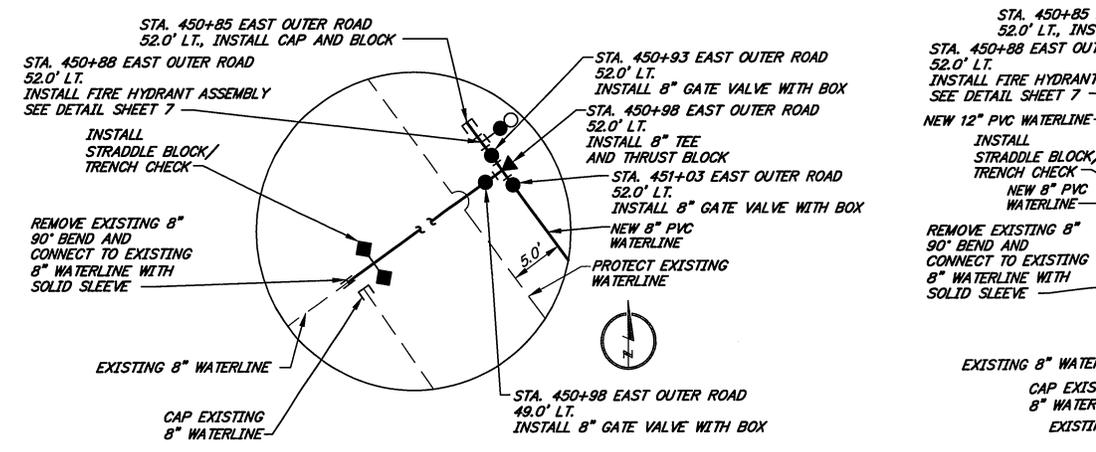


CONTROLLED PERMIT TO BE NOTED.

T. CURVE 01
 8+03.26
 5+62.13
 0+36.02
 0° 06' 26.0" (RT)
 30' 33.2"
 3.88'
 1.13'
 040.00'

J & C HOLDINGS, LLC
 SEE SHEET 4 FOR DETAILS

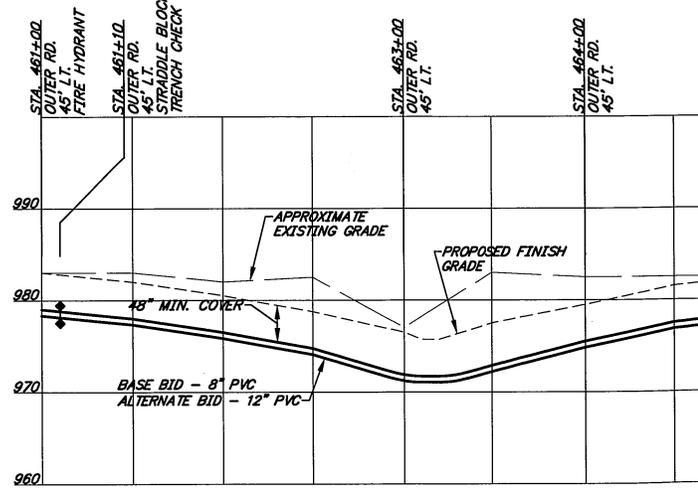
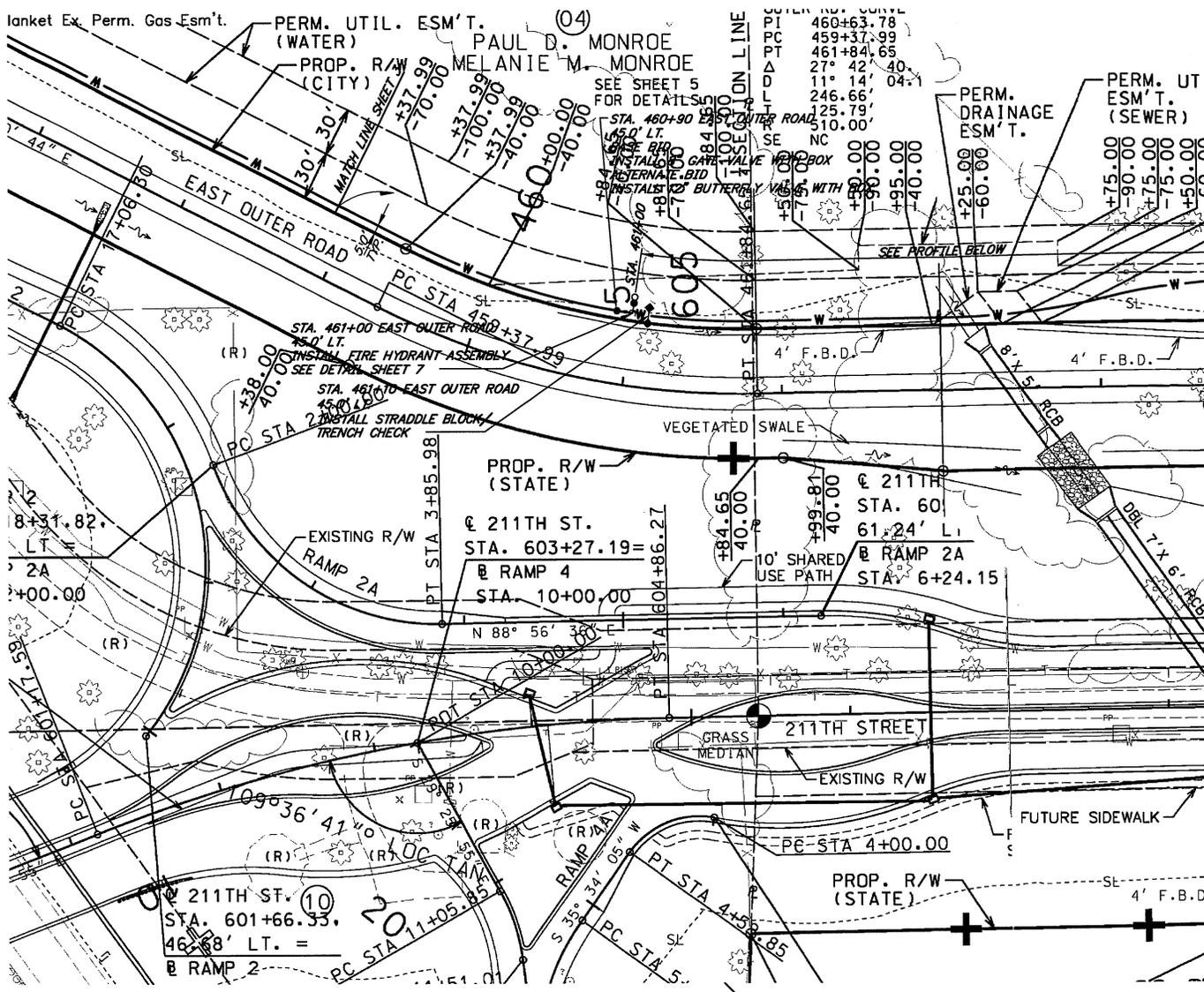
RAMP 1 CURVE 01	
PC	12+57.97
PT	10+00.00
PI	15+04.93
Δ	28° 55' 48.6" (RT)
D	5° 43' 46.5"
L	504.93' / 46.5'

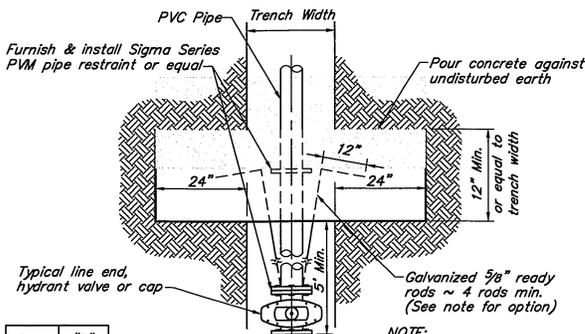


CONNECTION DETAIL 3A - BASE BID
 N.T.S.

CONNECTION DETAIL 3B - BASE BID
 N.T.S.

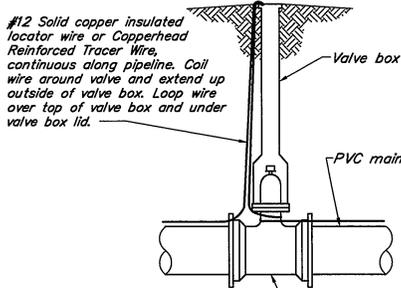
L:\0314026 Peculiar MO I49 and 211th Water Relocation\DRAWINGS\PRODUCTION\0314026CP\01.dwg March 10, 2015 - 10:05am DarrellA





Pipe Size	"D" Min.
4-6"	4"
8"	8"
10"	11"
12"	15"
16"	24"

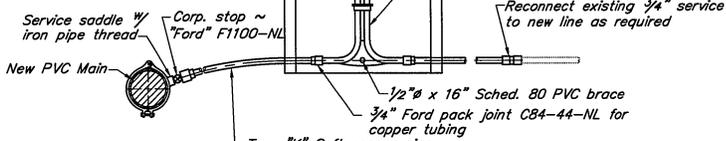
PLAN
ELEVATION STRADDLE BLOCK
Scale: Not to scale



LOCATOR WIRE DETAIL
Scale: Not to scale

- NOTES:**
- Meter shall be reconnected after the lines have been disinfected and flushed.
 - Abandoned service line to be capped or crimped as part of this reconnection.

SERVICE SADDLE SCHEDULE		
PVC Main - Steel pipe O.D.	"Ford" S71	
PVC Main - Cast iron O.D.	"Ford" S91	

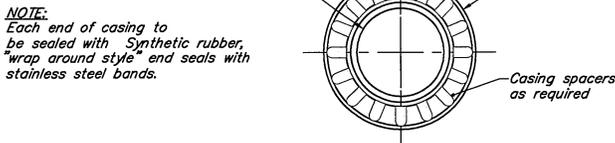


3/4" TYPICAL SERVICE RECONNECTION DETAIL
Scale: Not to scale

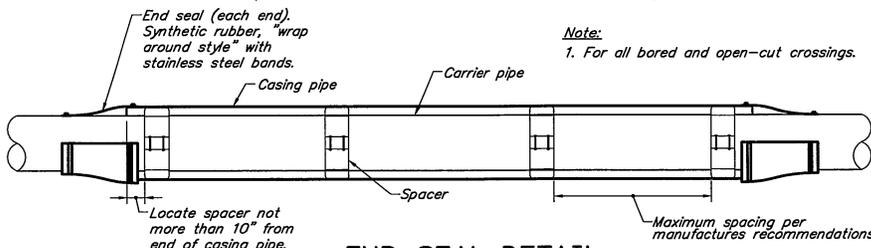
CASING SCHEDULE FOR CROSSINGS

CROSSING TYPE	PVC OR DIP CARRIER PIPE DIAMETER							
	2"	3"	4"	6"	8"	10"	12"	18"
	*MINIMUM CASING DIAMETER							
STATE HIGHWAY (MO. HWY. SPECS.)	6" STEEL	6" STEEL	8" STEEL	10" STEEL	12" STEEL	20" STEEL	20" STEEL	30" STEEL
STREAM	4" PVC	6" PVC	8" PVC	10" PVC	12" PVC	16" STEEL	20" STEEL	30" STEEL
COUNTY AND STREET (BITUMINOUS SURFACE)	4" PVC	6" PVC	8" PVC	10" PVC	12" PVC	16" STEEL	20" STEEL	30" STEEL
RAILROAD (RAILROAD SPECS.)	6" STEEL	8" STEEL	8" STEEL	12" STEEL	16" STEEL	20" STEEL	20" STEEL	30" STEEL

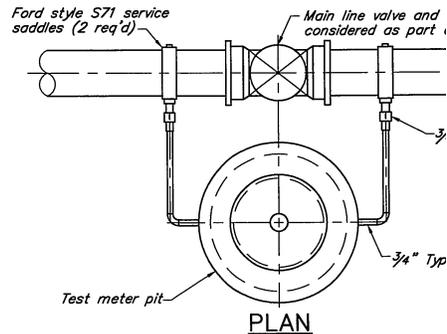
Casing up thru 16" for State Highways shall have a minimum wall thickness of 0.188
Casing 20" & 24" with 0.250" and 0.281" wall thickness respectively for state highways, streams, county roads & streets.



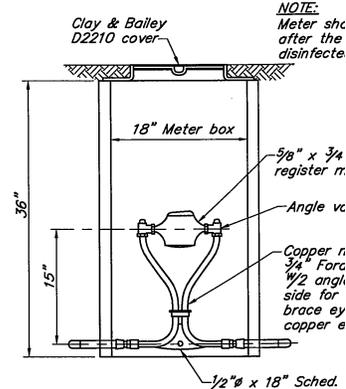
CASING DETAIL
(FOR ALL BORED AND OPEN-CUT CROSSINGS)



END SEAL DETAIL
Scale: Not to scale



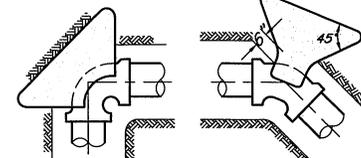
PLAN



SECTION

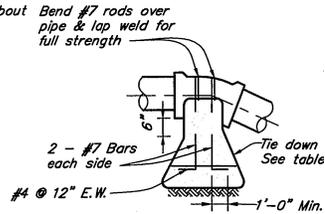
TEST METER INSTALLATION
Scale: 1"=1'-0"

- NOTE:**
- Construct thrust block at all fittings and hydrants.
 - Vertical face of bearing on earth to be symmetrical about plane formed by E's of intersecting pipe alignments.

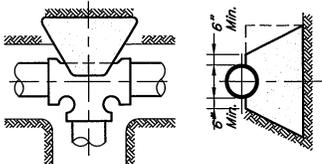


90° BEND

45° BEND OR LESS

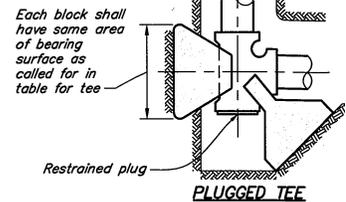


CONCRETE TIE DOWN BLOCK



TEE

TYPICAL SECTION



PLUGGED TEE

THRUST BLOCK DETAILS
Scale: Not to scale

L:\0314026 Peculiar MO I-49 and 271th Water Relocation\DRAWINGS\PRODUCTION\0314026MDL01.dwg March 10, 2015 - 10:05am Darrell A.

City Administrator

Brad Ratliff

City Clerk

Nick Jacobs

City Attorney

Reid F. Holbrook



City Engineer

Carl Brooks

Chief of Police

Harry Gurin

Business Office Manager

Trudy Prickett

Municipal Offices – 250 S. Main Street, Peculiar, MO 64078
Phone: 816.779.5212 Facsimile: 816.779.1004

To: Mayor & Board of Aldermen

From: Carl Brooks, City Engineer (cbrooks@cityofpeculiar.com)

Date: April 2, 2015 2015

Re: Bill No. 2015-14, Mayor & Board of Alderman (BOA) Acceptance of the Missouri Highways and Transportation Commission (MoDOT) Utility Agreement – Actual Cost for the 211th Street (Cass County), Missouri, Job No. J4P2247B

Utility Agreement – Actual Cost for the 211th Street Project (Cass County), Missouri

GENERAL INFORMATION

Applicant: City Staff

Requested Actions: Approval of ordinance

Purpose: Acceptance of the Missouri Highways and Transportation Commission (MoDOT) Utility Agreement – Actual Cost for the 211th Street (Cass County), Missouri, Job No. J4P2247B

Property Location: 211th Street, between the I-49 Interstate Highway interchange and School Road

PROPOSAL

The commission proposes to construct and improve a section of state highway designated as Job No. J4P2247B Route I-49, Cass County; and a Cost Share Grant application have been awarded by MoDOT to the City in the amount of \$8.164 Million. Final plans, specifications and cost estimates have been provided by the engineer for the Waterline Relocation and Sanitary Sewer Installation. MoDOT's obligation toward the cost of the work under this Agreement shall be 100 percent of the actual cost, which obligation is now estimated to be \$474,804.53.

PREVIOUS ACTIONS

The MoDOT Municipal Agreement and Cost Share Agreement were approved as an ordinance with the second reading by the Mayor and the Board of Aldermen at their regular meeting on June 18, 2012. The MoDOT Cost Share Supplemental Agreement No. 1 for the I-49 & 211th Street Interchange Project and the 211th Street Project were approved as an ordinance with the second reading by the Mayor and the Board of Aldermen at their regular meeting on February 18, 2014. The MoDOT Cost Share Supplemental Agreement No. 2 for the I-49 & 211th Street Interchange Project and the 211th Street Project were approved as an ordinance with the second reading by the Mayor and the Board of Aldermen at their regular meeting on January 5, 2015.

KEY ISSUES

The engineer has estimated the cost of the 8-Inch Waterline to be \$430,172.00, and the cost of the 12-Inch Waterline to be \$550,558.50. Please note that this amount does not include the \$162,377.00 for the proposed sanitary sewer main and 6-Inch utility conduit.

The engineer has estimated the total construction cost of the 8-Inch Waterline and Sanitary Sewer Improvements to be \$592,549.00, and the cost of the 12-Inch Waterline to be \$758,594.00.

The City received eight (8) bids. The City received bids ranging in cost from \$450,843.25 to \$776,398.00.

MoDOT Commission (Committee) will pay one hundred percent (100%) of the actual project cost of the 8-Inch waterline.

The City will pay one hundred percent (100%) of the actual project cost of the 12-Inch waterline, if selected by City to construct, less the actual project cost of the 8-Inch waterline.

The City has budgeted \$110,000 for the 12-Inch waterline upsize cost, and \$160,000 for the proposed sanitary sewer main and 6-Inch utility conduit in conjunction with the I-49 & 211th Street Interchange and 211th Street Projects.

STAFF COMMENTS AND SUGGESTIONS

Although, the engineer's projects' construction cost estimates have greatly increased by \$136K for the 8-Inch Waterline and \$192K for the 12-Inch waterline when compared to the previous construction cost estimates of April 2014. However, The *Good News* is that the City received bids ranging in cost from \$450,843.25 to \$776,398.00.

City, Engineer and MoDOT staff will be reviewing the recent bids received on April 2, 2015 to be sure that the pay item quantities and unit prices are accurate. If necessary, we may also need to identify work that we might be able to reduce or eliminate from the project in order to keep the project on budget.

City staff, engineer and the MoDOT local agency staff have meet and discussed the project schedule, and funding time line for the 211th Street Project. The MoDOT Utility Agreement for the 211th Street Project is attached for your review and consideration.

STAFF RECOMMENDATION

City staff recommends the approval of the MoDOT Utility Agreement for the 211th Street Project be accepted by ordinance by the Mayor and the BOA.

ATTACHMENTS

Bill 2015-14, Exhibit A

MoDOT Utility Agreement for the 211th Street Project, Exhibit B

BILL NO. 2015-14

ORDINANCE _____

A ORDINANCE OF THE BOARD OF ALDERMEN OF THE CITY OF PECULIAR, MISSOURI APPROVING AND ACCEPTING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION (MODOT) UTILITY AGREEMENT – ACTUAL COST FOR THE 211TH STREET (CASS COUNTY), MISSOURI, JOB NO. J4P2247B

WHEREAS, the Board of Aldermen previously approved the MoDOT Municipal Agreement and Cost Share Agreement for the 211th Street 71 Hwy Interchange (Cass County), and the MoDOT Cost Share Supplemental Agreement Nos. 1 and 2 for the I-49 & 211th Street Interchange Project and the 211th Street Project, and

WHEREAS, in order to improve said highway in accordance with said plans, it will be necessary to adjust certain facilities now located entirely on private easement of the City in order to maintain the present services of said City,

WHEREAS, such changes being generally shown in legend on plan marked Exhibit “A”, and the estimate of cost marked Exhibit “B”,

NOW THEREFORE, be it ordained by the Board of Aldermen of the City of Peculiar, Missouri as follows:

Section 1. MoDOT’s obligation toward the cost of the work under this Agreement shall be 100 percent of the actual cost, which obligation is now estimated to be \$474,804.53.

Section 2. The Mayor is authorized to execute this ordinance acknowledging the MoDOT Utility Agreement – Actual Cost for the 211th Street, Job No. J4P2247B.

Section 3. *Effective Date.* The effective date of this Ordinance shall be the ____ day of _____, 2015.

First Reading: _____

Second Reading: _____

BE IT REMEMBERED THE PRECEDING ORDINANCE WAS ADOPTED ON ITS SECOND READING THIS ____ DAY OF _____, 2015, BY THE FOLLOWING VOTE:

Alderman Fines _____
Alderman Ford _____
Alderman McCray _____

Alderman Ray _____
Alderman Roberts _____
Alderman Turner _____

APPROVED:

ATTEST:

Holly Stark, Mayor

Janet Burlingame, City Clerk

CCO Form: UT03
Approved: 1/98 (BDG)
Revised: 04/14 (AR)
Modified:

Route 211th Street
County Cass
Job No. J4P2247B

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
UTILITY AGREEMENT - ACTUAL COST**

(For City or City Use, When Facility Occupies Private Easement)

THIS AGREEMENT is entered into by the Missouri Highways and Transportation Commission (hereinafter, "Commission") and the City of Peculiar, Missouri (hereinafter, "City").

WITNESSETH:

WHEREAS, the Commission proposes to construct and improve a section of state highway designated as Job No. J4P2247B, Route I-49, Cass County, in the vicinity of 211th Street in accordance with certain road plans on file in the office of the County Clerk of Cass County, Missouri; and

WHEREAS, in order to improve said highway in accordance with said plans, it will be necessary to adjust certain facilities now located entirely on private easement of the City in order to maintain the present services of said City, such changes being generally shown in legend on plan marked Exhibit "A", and estimate of cost marked Exhibit "B" attached hereto and each made a part hereof;

NOW, THEREFORE, in consideration of these mutual covenants, the parties agree as follows:

(1) **RELEASE:** The **City** grants to the Commission such right, title and interest which the **City** may have in and to the right of way of said state highway.

(2) **COMPLY WITH FEDERAL AID POLICY GUIDE (FAPG):** The City agrees that the detail plan and estimate of cost for the required adjustment of the City's facilities have been prepared in accordance with FAPG 23 CFR 645A and any amendments which by reference are made a part of this Agreement. The City also agrees that the work will be performed in accordance with said regulation.

(3) **COMMENCEMENT AND COMPLETION OF WORK:** After approval of the detail plan and estimate of cost and upon notification by the Commission, the City will commence, without unnecessary delay, to make changes to its facilities. The City will actively pursue completion of the work to reach the earliest possible completion date and to minimize interference with the Commission's roadway contractor. The City agrees to provide a written estimated time schedule of its planned work and a written notification to the Commission's district engineer at least five (5) days prior to beginning

the work. If the City falls behind in its work schedule, it shall submit a revised work schedule to the Commission's **(area/resident)** engineer. The City will make every effort to get back on schedule and complete its work. The City has an affirmative duty to cooperate and coordinate its activities with those of the Commissions' roadway contractor. The Commission's contractor has a contractual requirement to cooperate and coordinate its activity with the City and other utility companies on this job.

(4) AUDIT OF RECORDS: The City shall develop the adjustment cost of the work by using the actual and related indirect cost accumulated in accordance with an established accounting procedure used by the City in its regular operations and shall keep a detailed and accurate account of all labor, materials, supplies, incidentals, and other necessary costs involved in making such changes. The Commission's **(area/resident)** engineer in charge of said project, or any authorized agent of the Commission or the Federal Highway Administration, shall have access during normal business hours to such City records. These records must be available during the contract period and any extension, and for three (3) years from the date of final payment at no charge.

(5) SUBCONTRACT: The City is not adequately staffed or equipped to perform all work and intends to contract portions and will comply with FAPG 23 CFR 645A relating to performing part or all of the work by contract. Furthermore, if the City solicits bids for the work, the City is to furnish to the Commission a tabulation of bids received, a copy of the proposal used in securing the bids, and any other information to support the City's recommendation for award to the lowest qualified bidder prior to any contract work being performed.

(6) CHANGE ORDER: If any substantial change is made in the original plan and extent of the work, the City agrees that reimbursement shall be limited to costs covered by a supplemental agreement or change order prepared by the Commission's **(area/resident)** engineer or his/her representative and having approval of the Commission and Federal Highway Administration PRIOR to the performance of the work, as set out in FAPG 23 CFR 645A.

(7) BACKFILL: The City agrees to compact backfill of all excavation within the roadway limits in accordance with the Missouri Standard Specifications for Highway Construction, current edition, or as approved by the Commission's resident engineer.

(8) CONDITION OF RIGHT OF WAY: Upon completion of the work provided in this Agreement, the City shall remove all leftover materials and debris resulting from the work and leave the right of way in a neat, workmanlike condition, free of holes, mounds of dirt, or other objectionable material.

(9) SAFETY DEVICES: At all times when work is being performed by the City under such conditions as will affect traffic on the public highways, the City will display warning signs, barricades, flags, lights and/or flares as circumstances may require and shall employ and use a flagger when required for safety of the traveling public, all in

accordance with the standards set forth in the "Manual on Uniform Traffic Control Devices" (MUTCD).

(10) COST: The total cost of the work required for the highway construction is estimated to be \$474,804.53.

The Commission's obligation toward the cost of the work under this Agreement shall be 100 percent of the actual cost, which obligation is now estimated to be \$474,804.53.

The Commission's obligation shall extend only to those costs incurred under the provisions of FAPG 23 CFR 645A. Upon approval of the City's plan and estimate of cost, the Commission will promptly pay the City for 100% of the Commission's obligation. The Commission will afterwards conduct an audit of the City's statement and supporting records. If the audit reveals that the City has been overpaid, the City will immediately refund to the Commission such overpayment.

(11) COMMISSION REPRESENTATIVE: The Commission's **(area/resident)** engineer is designated as the Commission's representative for the purpose of administering the provisions of this Agreement.

(12) LAW OF MISSOURI TO GOVERN: This Agreement shall be construed according to the laws of the state of Missouri. The City shall comply with all local, state and federal laws and regulations relating to the performance of this Agreement.

(13) VENUE: It is agreed by the parties that any action at law, suit in equity, or other judicial proceeding to enforce or construe this Agreement, or regarding its alleged breach, shall be instituted only in the Circuit Court of Cole County, Missouri.

(14) FINAL INVOICE SUBMITTAL: After completion of the utility work, the City agrees to submit a final invoice for the cost of the work to the Commission within sixty (60) days or as mutually agreed to by the Commission's **(area/resident)** engineer or his/her representative. The final invoice shall be in as much detail as possible to verify the cost of the completed work. It should follow the format of the original cost estimate (Exhibit B) when possible to promote faster processing by the Commission. The Commission's resident engineer will process the final invoice as soon as possible after receipt. If the final invoice is greater than the Commission's payment provided in paragraph (10), the Commission shall promptly pay the City the additional Commission obligation. Conversely, if the final invoice is less than the Commission's payment, the City shall promptly remit the Commission's overpayment.

(15) ASSIGNMENT: The City shall not assign, transfer or delegate any interest in this Agreement without the prior written consent of the Commission.

(16) COOPERATION: When the City relocation work is being done concurrent with the Commission's roadway contractor operation, the City agrees to cooperate and coordinate its work to minimize disturbance to the roadway contractor or other utility

companies working on the project.

(17) HIGHWAY IMPROVEMENT INFORMATION: The Commission agrees to furnish the City all necessary information on the highway improvement in order to properly carry out the utility relocation. Known hazardous waste sites will be identified on the right of way.

(18) WORK CANCELED: If the Commission instructs the City not to proceed with the work, the Commission shall reimburse the City for the Commission's percentage share of the City's costs incurred prior to the date the work is canceled, as allowed pursuant to FAPG 23 CFR 645A. The City shall promptly return to the Commission any funds in excess of those actually incurred prior to the date the work is canceled.

(19) BUY AMERICA REQUIREMENT COMPLIANCE: The **City** agrees to abide by the provisions of the Buy America requirements as found in 23 USC 313 and 23 CFR 635.410 for the Commission's Federal-Aid Construction Program.

(A) Buy America Compliance Certification: The **City** certifies that when determining products/materials subject to Buy America requirements to use in the performance of this Agreement, it shall use only such products/materials for which it has received a certification from its supplier, or provider of construction services that procures the product/material, certifying compliance with Buy America requirements. This does not include products/materials for which waivers have been granted pursuant to 23 CFR 635.410 or those products/materials that are excluded from compliance with Buy America requirements in the Commission's Engineering Policy Guide 643.2.1.43. The **City** will not be required to provide the Commission copies of the supplier certification as part of this Agreement or with the final invoice of said Commission's Federal-Aid Highway Construction Project.

(B) Buy America Record Retention: The **City** agrees to retain all Buy America compliance documents obtained pursuant to paragraph (20)(A) above, for a period of time of no less than 3 years after the receipt of the final reimbursement for the project by FHWA of said Commission's Federal-Aid Highway Construction Project in accordance with 49 CFR 18.42 (b) and (c). All Buy America compliance documents shall be made available upon request of, and at no cost to, the Commission and/or Federal Highway Administration.

[Remainder of Page Intentionally Left Blank. Signatures Appear on Following Page.]

IN WITNESS WHEREOF, the parties have entered into this Agreement on the last date written below.

Executed by the **City** this ____ day of _____, 20__.

Executed by the Commission this ____ day of _____, 20__.

MISSOURI HIGHWAYS AND
TRANSPORTATION COMMISSION

CITY OF PECULIAR, MISSOURI

Title _____

By _____

Print Name _____

Title _____

ATTEST:

ATTEST:

Secretary to the Commission

By _____

Title _____

Approved as to Form:

Approved as to Form:

Commission Counsel

Title _____

Corporate Seal [if applicable]

Ordinance No. _____ [if applicable]

ACKNOWLEDGMENT BY CITY

STATE OF _____)

COUNTY OF _____)

ss

On this ____ day of _____, 20__, before me appeared _____ personally known to me, who being by me duly sworn, did say that he/she is the _____ of the City of _____ and that the foregoing instrument was signed and sealed on behalf of the City of _____ and that he/she acknowledged said instrument to be the free act and deed of the City of _____ and that it was executed for the consideration stated therein and no other.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal in the county and state aforesaid the day and year written above.

Notary Public

My Commission Expires: _____

Waterline Relocation and Sanitary Sewer Installation at I49 and 211th St.

City of Peculiar Missouri

Opinion of Probable Costs - City of Peculiar

8-inch Base Bid

March 16, 2015

8" PVC	LF	1905	\$ 29.00	\$ 55,245.00
Locator Wire	LF	1905	\$ 0.30	\$ 571.50
8" Gate Valve with box	EA	8	\$ 2,100.00	\$ 16,800.00
4" Gate Valve with box	EA	2	\$ 1,500.00	\$ 3,000.00
Stream Crossing – 300' Bore	LF	300	\$ 260.00	\$ 78,000.00
211th St. Crossing – Open Cut with 110' Casing	LS	1	\$ 25,000.00	\$ 25,000.00
School Road Crossing – Open Cut with 54' Casing	LS	1	\$ 15,000.00	\$ 15,000.00
School Road Crossing – Open Cut with 40' Casing	LS	1	\$ 13,500.00	\$ 13,500.00
Connect to existing 4" waterlines (6A)	LS	1	\$ 4,000.00	\$ 4,000.00
Fire Hydrants	LS	4	\$ 3,500.00	\$ 14,000.00
Abandon Waterlines	LS	2	\$ 1,500.00	\$ 3,000.00
Test Meter	EA	1	\$ 2,500.00	\$ 2,500.00
PVC Casing	LF	100	\$ 45.00	\$ 4,500.00
Air Release Valve	EA	1	\$ 2,500.00	\$ 2,500.00
Service Reconnection	EA	1	\$ 1,000.00	\$ 1,000.00
Salvage existing Fire Hydrant	LS	1	\$ 1,500.00	\$ 1,500.00
Sewer Service Connection	LS	1	\$ 2,500.00	\$ 2,500.00
Cleanout	EA	6	\$ 500.00	\$ 3,000.00
4" DR26 PVC Pipe (Sanitary Sewer)	LF	468	\$ 70.00	\$ 32,760.00
Abandon Septic Tank	LS	1	\$ 4,000.00	\$ 4,000.00
Connect to Existing Sewer Line	LS	1	\$ 1,500.00	\$ 1,500.00
Cut, Cap, and Block Sewer Line	LS	5	\$ 1,500.00	\$ 7,500.00
4'-0" Diameter Standard Manhole (0'-8")	EA			\$ 15,460.00
4'-0" Diameter Standard Manhole Extra Depth	V.F.			\$ 4,438.00
10" DR26 PVC Pipe (Sanitary Sewer)	LF			\$ 39,770.00
12 DI Pipe Class 50 (Sanitary Sewer)	LF			\$ 64,209.00
6" PVC Conduit	LF			\$ 38,500.00
	Construction Subtotal			\$ 453,753.50

EXHIBIT "B"
UTILITY AGREEMENT
WATER ADJUSTMENT
CITY OF PECULIAR
JOB NO. J4P2247B

COST BREAKDOWN

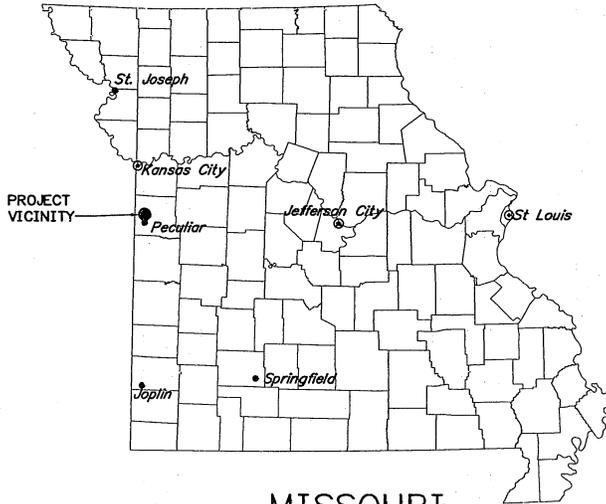
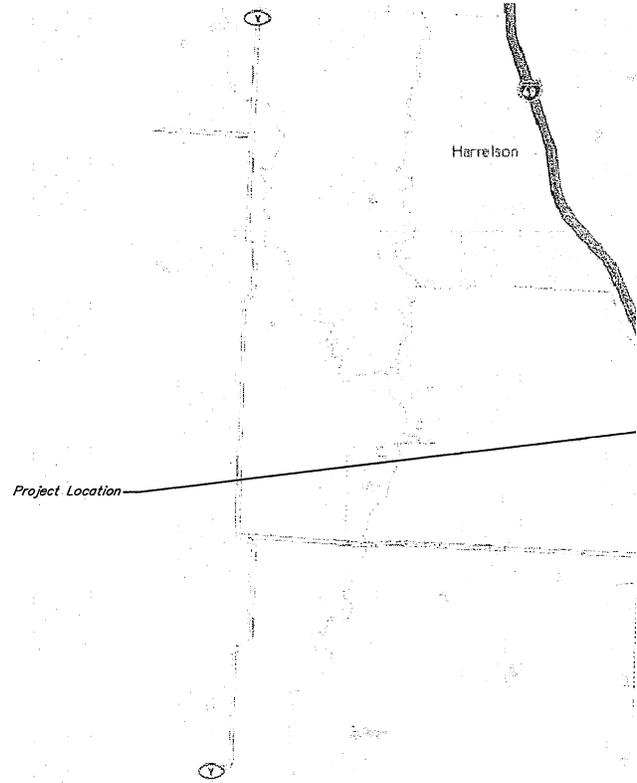
	Peculiar	Commission
Construction		\$ 453,753.50
Engineering		<u>\$ 21,051.03</u>
Totals		\$ 474,804.53

Peculiar Responsibility	0.00%
Commission Responsibility	100.00%

WATERLINE RELOCATION AND INTERSTATE I-49 A PECULIAR 0314

INDEX OF SHEETS:

1. COVER SHEET
- 2.-6. PLAN SHEETS
7. MISCELLANEOUS DETAILS
8. SANITARY SEWER PLAN AND PROFILE
9. SANITARY SEWER DETAIL

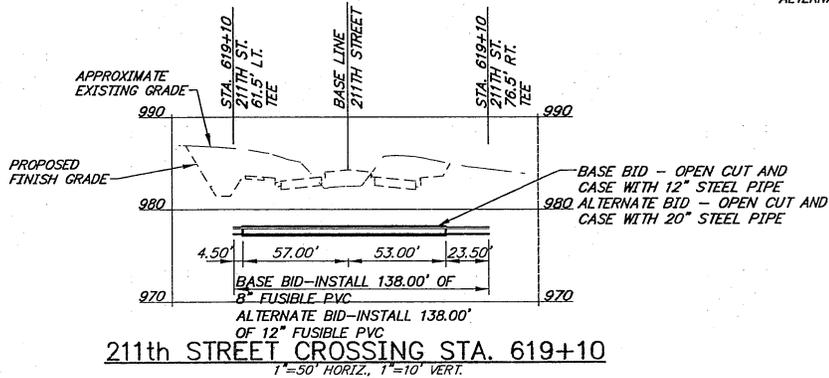
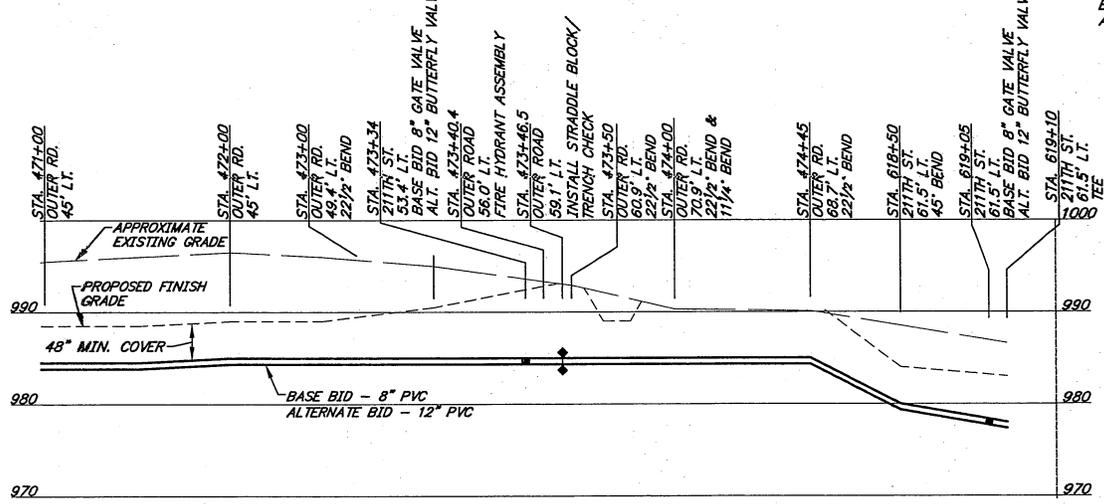
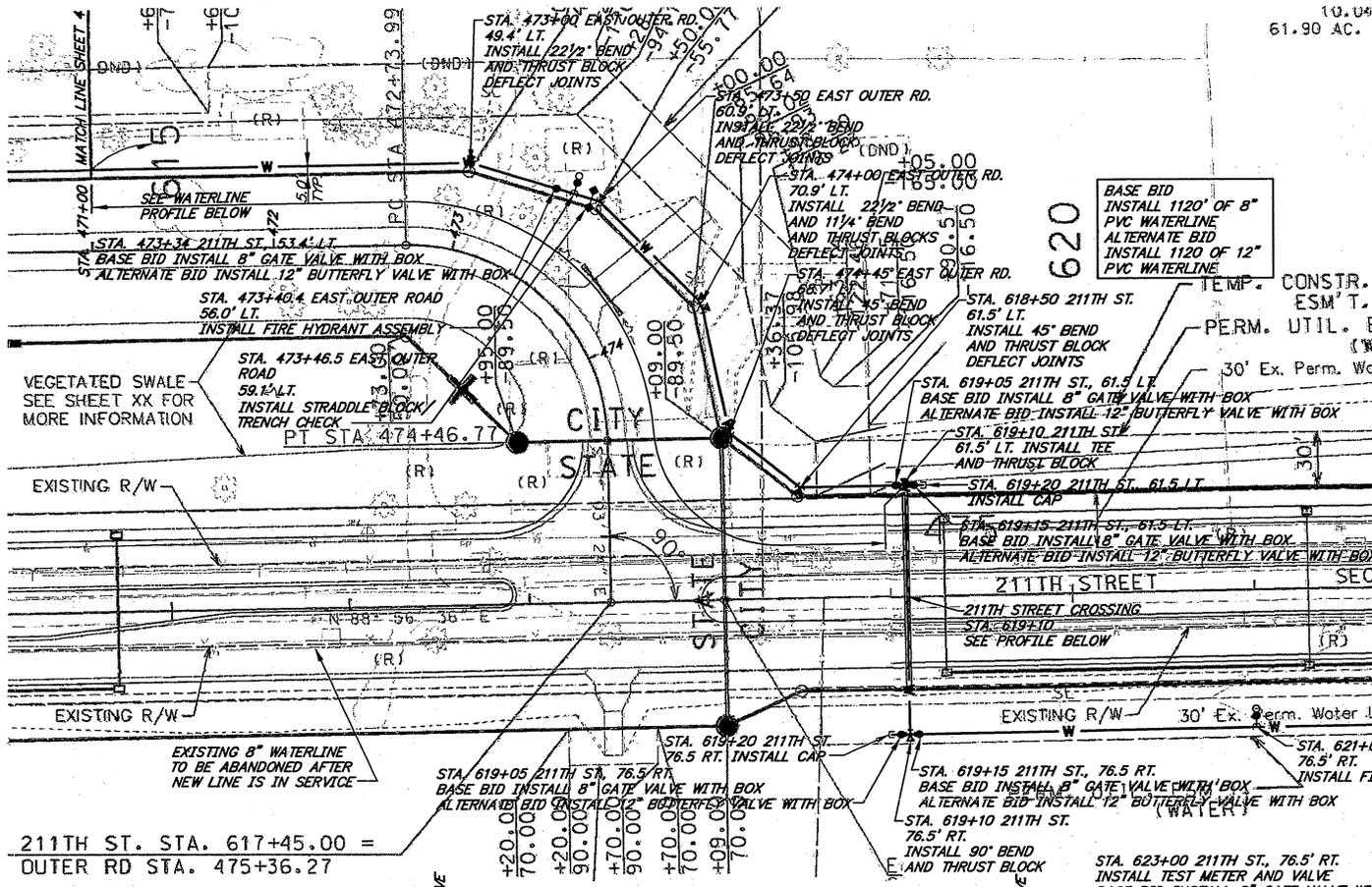


MISSOURI
STATE LOCATION MAP

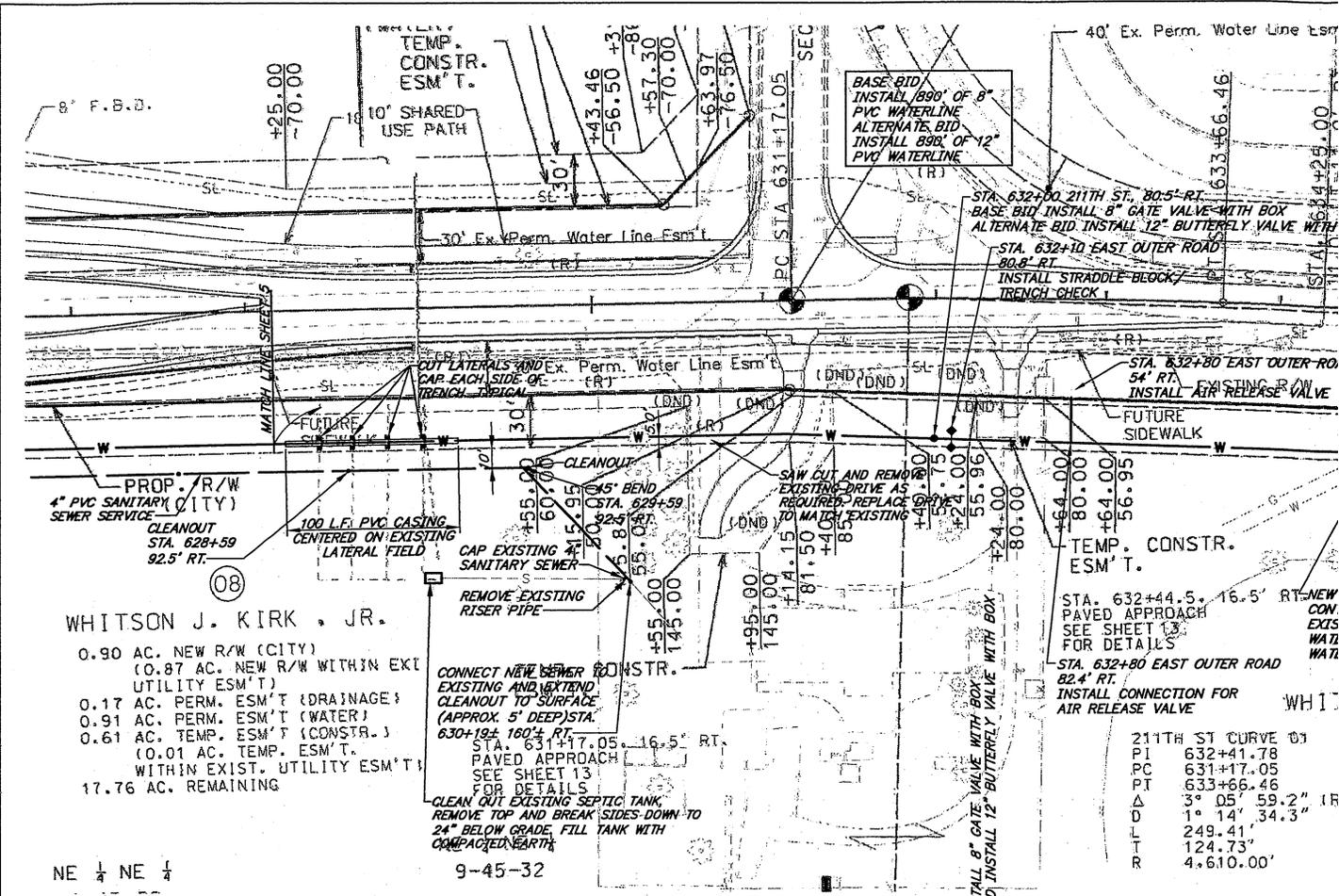
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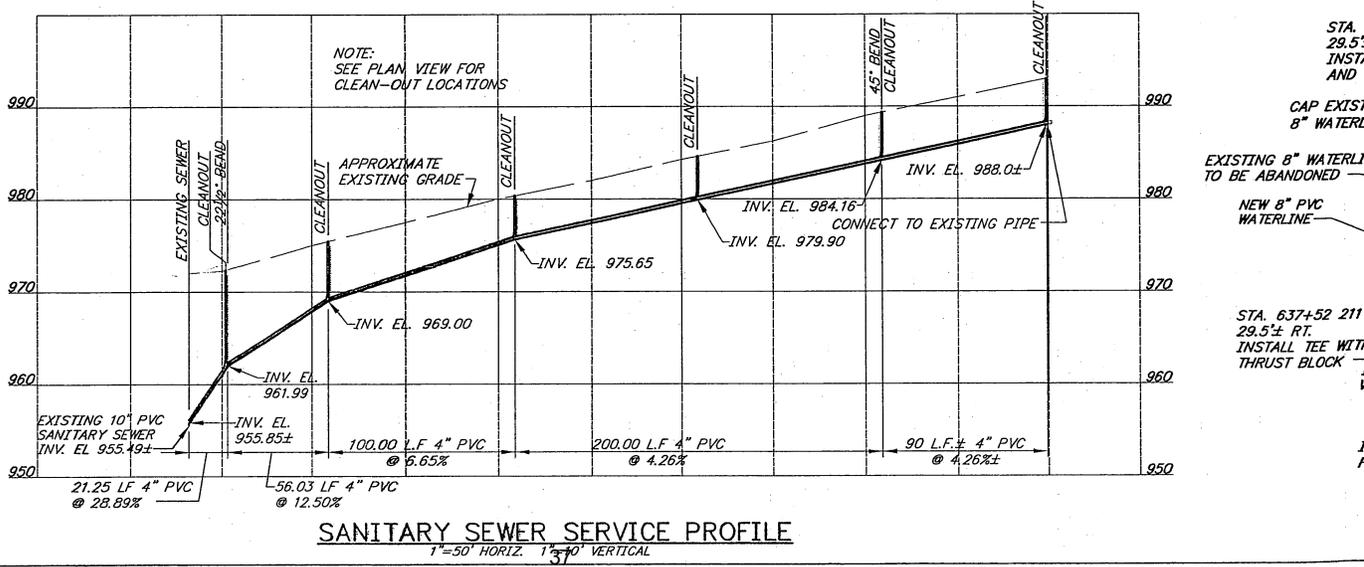
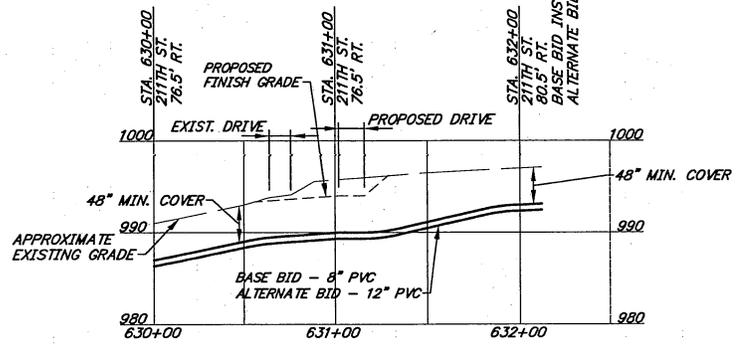
—| LARKIN |—
LAMP RYNEARSON



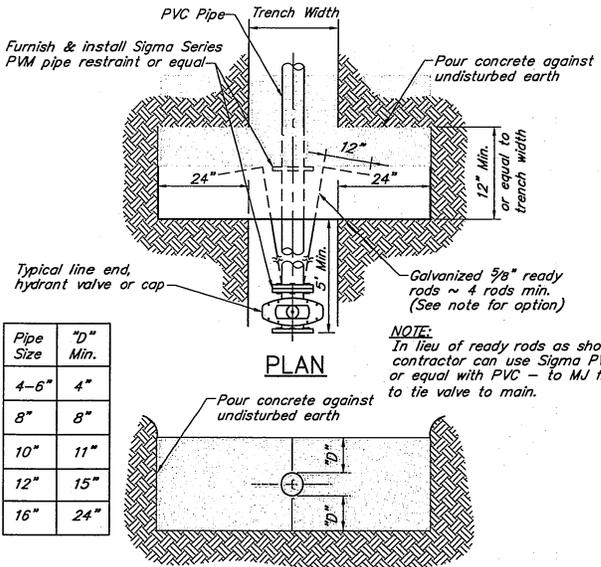
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211TH ST CURVE 01	
PI	632+41.78
PC	631+17.05
PT	633+66.46
Δ	3° 05' 59.2" IR
L	1' 14' 34.3"
T	249.41'
R	124.73'
	4,610.00'



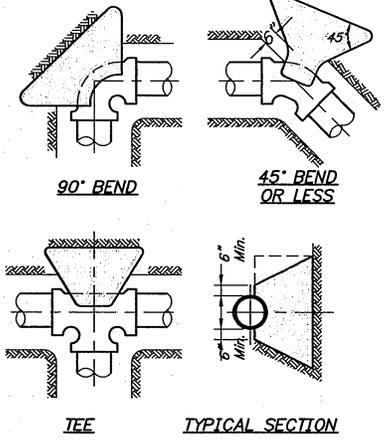
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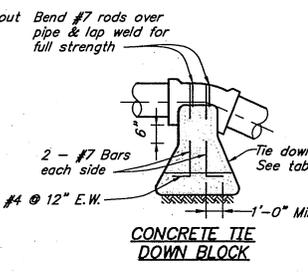
Pipe Size	"D" Min.
4-6"	4"
8"	8"
10"	11"
12"	15"
16"	24"

ELEVATION STRADDLE BLOCK
Scale: Not to scale

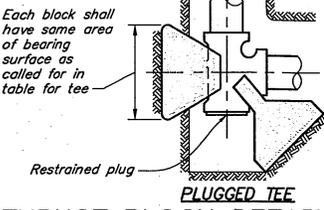
NOTE:
1. Construct thrust block at all fittings and hydrants.
2. Vertical face of bearing on earth to be symmetrical about plane formed by \angle 's of intersecting pipe alignments.



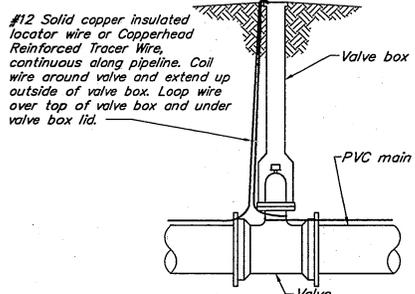
TYPICAL SECTION



CONCRETE TIE DOWN BLOCK



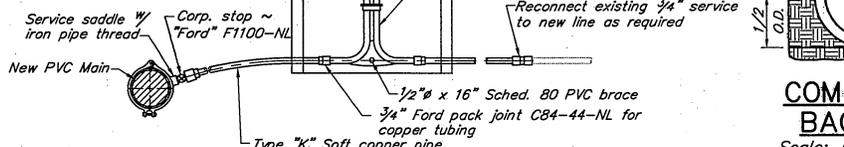
PLUGGED TEE
THRUST BLOCK DETAIL
Scale: Not to scale



LOCATOR WIRE DETAIL
Scale: Not to scale

NOTES:
1. Meter shall be reconnected after the lines have been disinfected and flushed.
2. Abandoned service line to be capped or crimped as part of this reconnection.

SERVICE SADDLE SCHEDULE			
PVC Main - Steel pipe O.D.	"Ford" S71		
PVC Main - Cast iron O.D.	"Ford" S91		

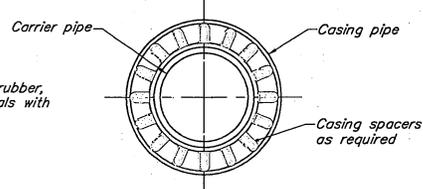


3/4" TYPICAL SERVICE RECONNECTION DETAIL
Scale: Not to scale

CASING SCHEDULE FOR CROSSINGS

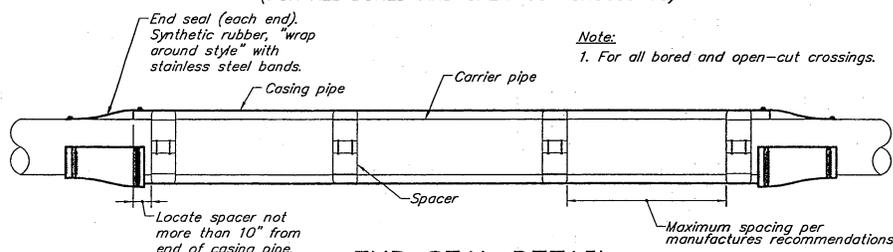
CROSSING TYPE	PVC OR DIP CARRIER PIPE DIAMETER							
	2"	3"	4"	6"	8"	10"	12"	18"
STATE HIGHWAY (MO. HWY. SPECS.)	6" STEEL	6" STEEL	8" STEEL	10" STEEL	12" STEEL	20" STEEL	20" STEEL	30" STEEL
STREAM	4" PVC	6" PVC	8" PVC	10" PVC	12" PVC	16" STEEL	20" STEEL	30" STEEL
COUNTY AND STREET (BITUMINOUS SURFACE)	4" PVC	6" PVC	8" PVC	10" PVC	12" PVC	16" STEEL	20" STEEL	30" STEEL
RAILROAD (RAILROAD SPECS.)	6" STEEL	8" STEEL	8" STEEL	12" STEEL	16" STEEL	20" STEEL	20" STEEL	30" STEEL

Casing up thru 16" for State Highways shall have a minimum wall thickness of 0.188
Casing 20" & 24" with 0.250" and 0.281" wall thickness respectively for state highways, streams, county roads & streets.

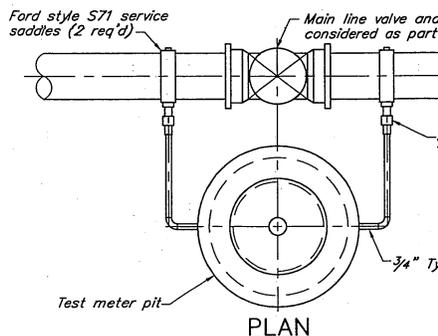


CASING DETAIL
(FOR ALL BORED AND OPEN-CUT CROSSINGS)

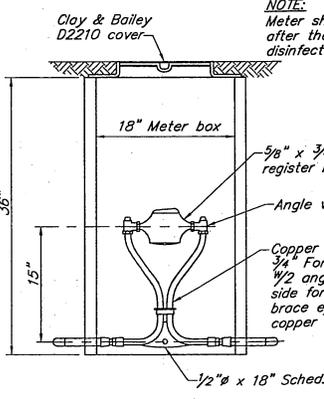
NOTE:
Each end of casing to be sealed with Synthetic rubber, "wrap around style" end seals with stainless steel bands.



END SEAL DETAIL
Scale: Not to scale



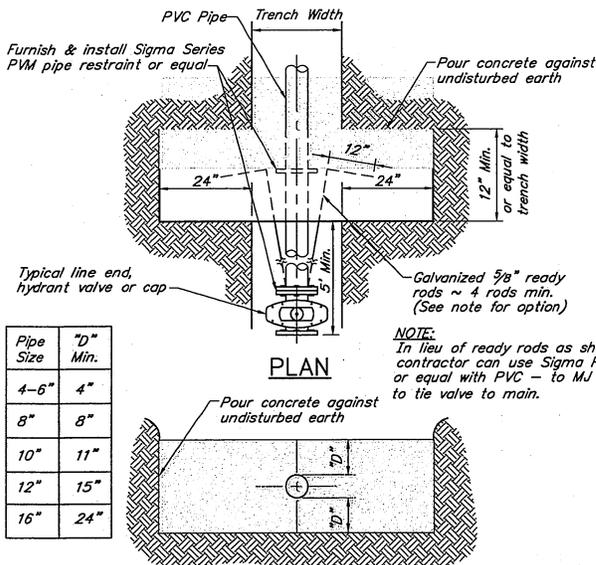
PLAN



SECTION

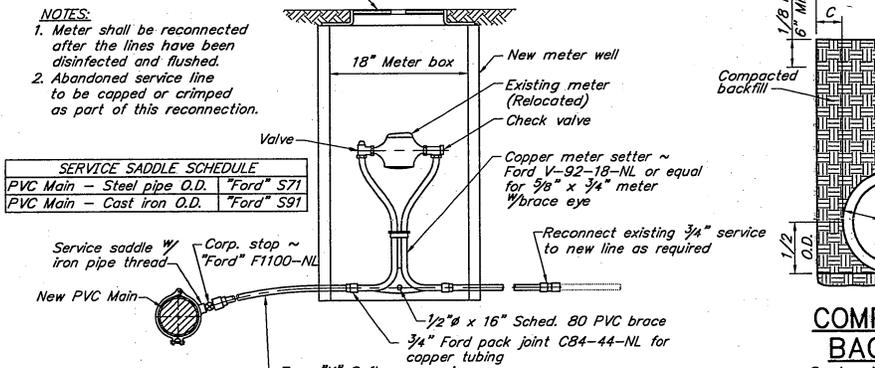
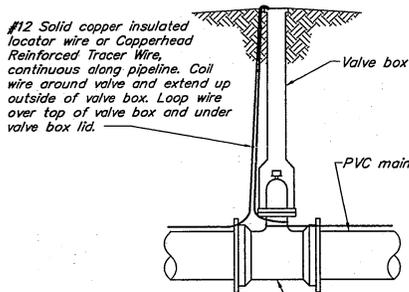
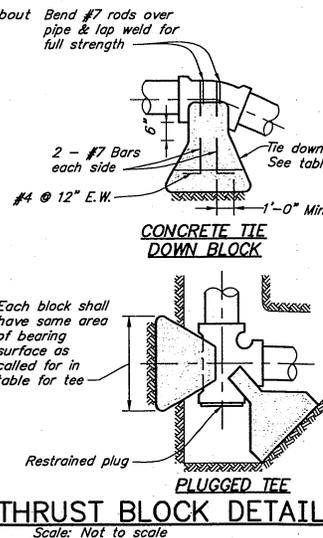
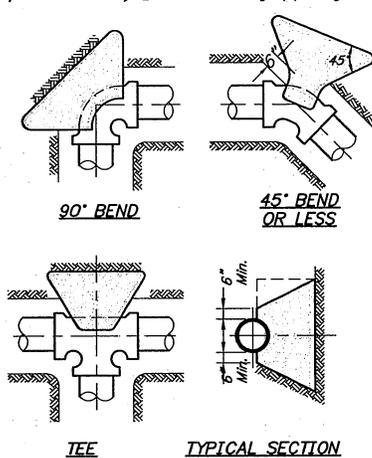
TEST METER INSTALLATI
Scale: 1"=1'-0"

L:\0314026 Peculiar MO I49 and 211th Water Relocation\DRAWINGS\PRODUCTION\0314026MLO1.dwg March 10, 2015 - 10:05am Dorrell



Pipe Size	"D" Min.
4-6"	4"
8"	8"
10"	11"
12"	15"
16"	24"

NOTE:
1. Construct thrust block at all fittings and hydrants.
2. Vertical face of bearing on earth to be symmetrical about plane formed by $\frac{1}{2}$'s of intersecting pipe alignments.

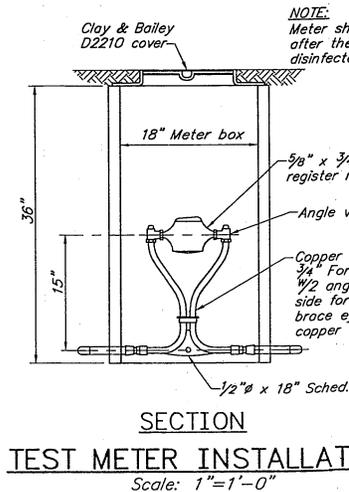
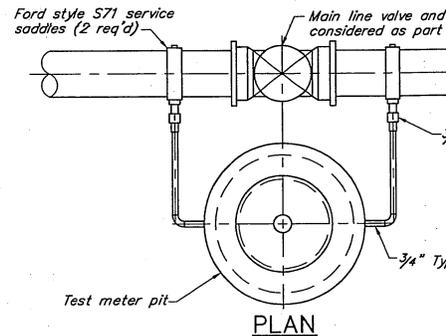
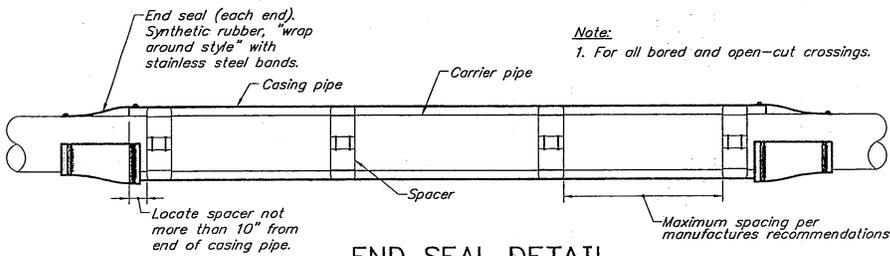
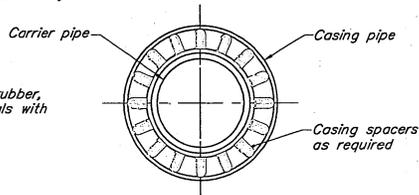


CASING SCHEDULE FOR CROSSINGS

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	*MINIMUM CASING DIAMETER							
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City Administrator
Brad Ratliff

City Clerk
Nick Jacobs

City Engineer
Carl Brooks

Business Office
Trudy Prickett



Chief of Police
Harry Gurin

City Planner
Cliff McDonald

City Attorney
Reid Holbrook

Parks Director
Nathan Musteen

Municipal Offices – 250 S. Main Street, Peculiar, MO 64078
Phone: (816)779-5212 Facsimile: (816)779-1004

To: Board of Alderman

From: Brad Ratliff

Date: 04/02/15

Re: Marketing Company for the City

GENERAL INFORMATION

Applicant: Staff

Status of Applicant: City Administrator

Requested Actions: Set date and time in April to schedule Session

Date of Application:

Purpose: To strategize with the Market Company for a ½ day session

Property Location (if applicable):

PROPOSAL

As you know, I have been working to get a Marketing firm on board to get the City ready for our final economic push for the 211th St. corridor. Not only do we want to have our marketing plan competed and ready for the 211th corridor, but in addition, to better position the downtown area and the City as a whole in a positive direction for economic growth. We have many in process and completed studies that all need to be brought in to one positive and comprehensive plan. The Mayor stated previously, that there will be a ½ day session needed with the company and we will need to select a date in the month of April to meet our deadlines.

PREVIOUS ACTIONS

None

KEY ISSUES

- ½ Day session currently in the budget
- Final company to bring on board
- Currently completing Comprehensive Update
- Currently completing CID area
- Currently completing Certified Industrial Sites
- Bonds approved and Interchange out for bid next month
- Economic Studies completed
- Economic Development Policy completed
- Financial Policy completed
- TIF Commission in place and trained

STAFF COMMENTS AND SUGGESTIONS

We are finally at the point where all the hard work is coming to fruition. We have at the very least a \$17 Million dollar investment in and around the interchange. To help protect and flourish that investment is by bringing in professionals to pull it all together and give us a marketing plan for three areas:

1. Industrial
2. Retail
3. Housing

STAFF RECOMMENDATION

Pick either April 21st or April 23rd or April 27th. Really just need to pick two dates and time to conduct this meeting. Once we see what day works for them, then staff will notify the BOA.

ATTACHMENTS

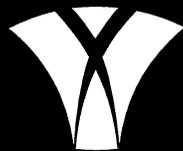
Confidential proposal from Vi Marketing and Branding

STAFF CONTACT: Brad Ratliff
bratliff@cityofpeculiar.org

CITY OF PECULIAR

INTERCHANGE PROJECT/CITY POSITIONING

March 31, 2015



vi marketing and branding