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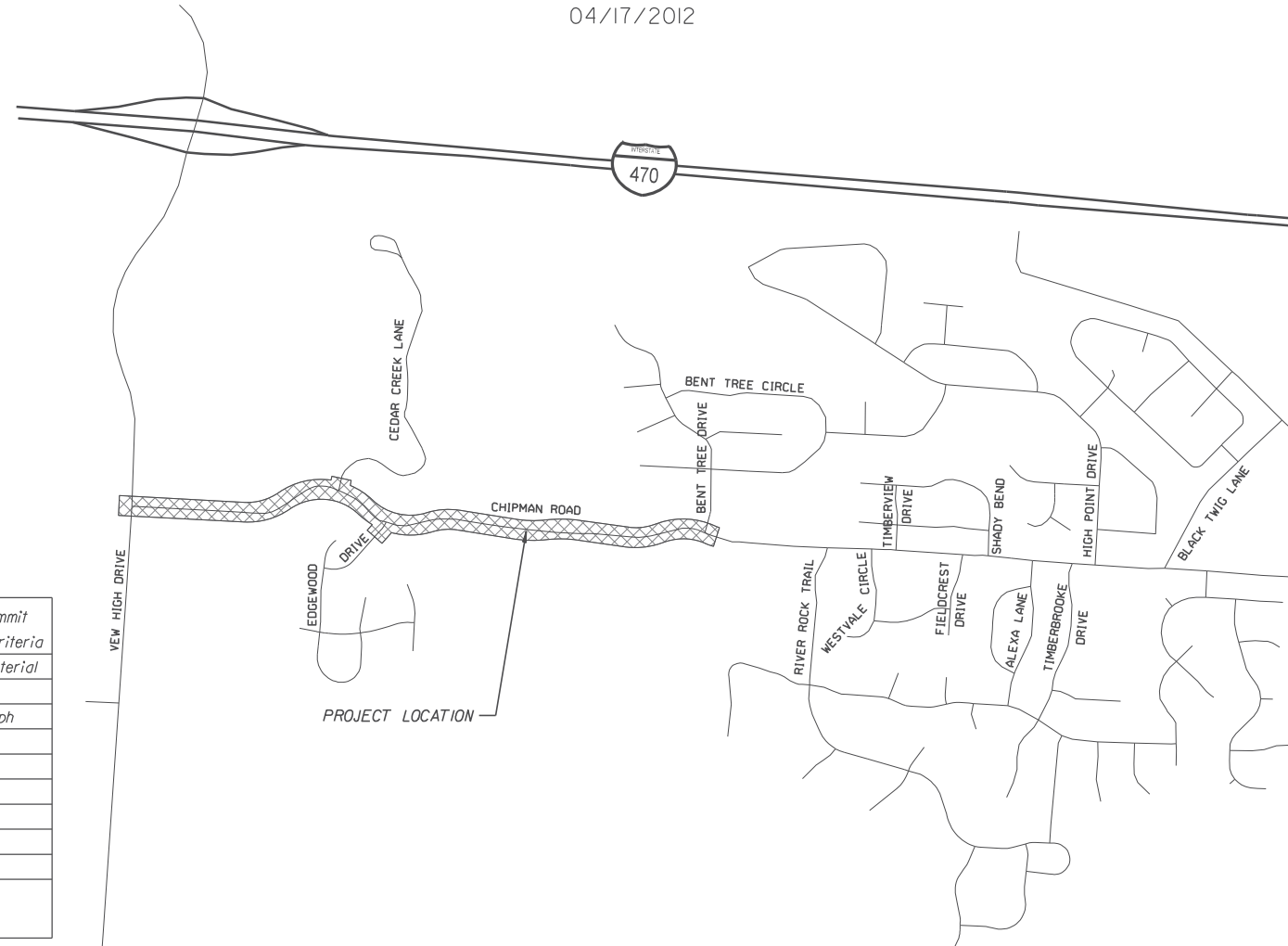
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city of  
**Lee's Summit**  
missouri

# VIEW HIGH DRIVE TO BENT TREE DRIVE FINAL PLANS

04/17/2012



UTILITIES

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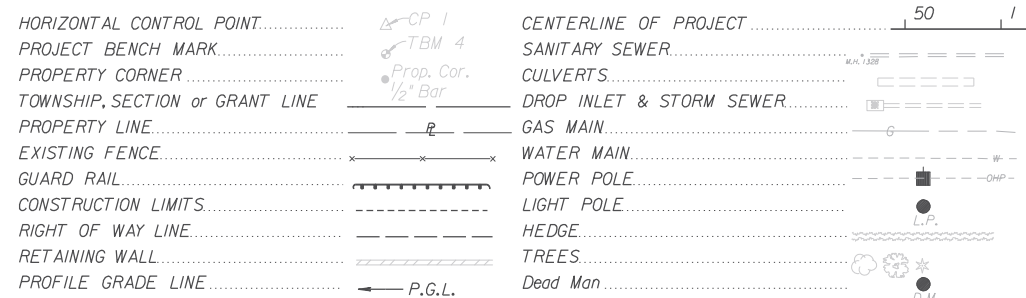
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todd.hawes@kcmo.org

Lee's Summit Water Utilities  
616 NE Douglas Street  
Lee's Summit, MO 64064  
(816) 969-1800

| Design Exceptions          | Approved Design Criteria                                     | Lee's Summit Design Criteria |
|----------------------------|--|------------------------------|
| Functional Classification  | Minor Arterial   | Major Arterial               |
| Minimum Lane Width         | 11.00'   | 12.00'                       |
| Design Speed               | 35 mph   | 40-50 mph                    |
| Side Road Design Speed     | 15 mph (Stop Condition)                                      | 25 mph                       |
| Horizontal Alignment       | No Tangent Between Curves                                    | 300'                         |
| Max. Grade                 | 10.00%   | 7.00%                        |
| Min. Grade                 | 0.50%  | 1.00%                        |
| Min. Vertical Curve Length | 100.00'  | 3V                           |
| Max. Grade Break           | 4.00% (Stop Condition)                                       |                              |
| Street Lighting            | Light Levels Reduced Across Bridge (Meets Min. Requirements) |                              |

NET LENGTH OF ROAD 4,726.90 FT. 0.90 MILES

CONVENTIONAL SIGNS LEGEND



DESIGN DESIGNATION

|                  |                |
|------------------|----------------|
| AADT(2013)       | 4,500          |
| AADT(2033)       | 9,600          |
| Functional Class | Minor Arterial |
| Design Speed     | 35 mph         |



PREPARED & SUBMITTED BY:

WILSON & COMPANY, INC., ENGINEERS & ARCHITECTS  
800 EAST 101ST TERRACE, SUITE 200  
KANSAS CITY, MO 64131

(ENGINEER) \_\_\_\_\_ DATE \_\_\_\_\_

I CERTIFY THESE PLANS WERE PREPARED BY ME OR UNDER MY IMMEDIATE PERSONAL SUPERVISION.

| REVISIONS |
|-----------|
|           |
|           |
|           |
|           |
|           |

FINAL PLANS  
FOR REVIEW ONLY  
NOT FOR  
CONSTRUCTION

CITY PROJECT NO. 11001-D  
CHIPMAN ROAD  
IMPROVEMENTS  
TITLE SHEET

Lee's Summit  
PUBLIC WORKS DEPARTMENT  
220 SE Green Street Lee's Summit, MO 64063  
PHONE: (816) 969-1800

|                        |
|------------------------|
| DATE<br>4/20/2012      |
| DESIGNED BY<br>NT      |
| DRAWN BY<br>DJH        |
| CHECKED BY<br>JCK      |
| SURVEY BOOK NO.        |
| FILE NAME<br>title.dgn |
| SHEET<br>1 OF 276      |

NOT FOR CONSTRUCTION

Date: 4/20/2012 Time: 9:47:39 AM By: dthansen File: M:\TRV\10-00-503-00-CADD\DD\Design\Title.dgn