

Source

John Glascock



TO: City Council

FROM: City Manager and Staff 

DATE: September 18, 2007

SUBJECT: Public Hearing – Hunt Avenue from Worley Street to I-70 Drive SW

Fiscal Impact

- Yes
- No

Other Info.

EXECUTIVE SUMMARY

Staff has prepared for Council consideration a resolution setting a public hearing for October 15, 2007 concerning the reconstruction of approximately 1500 feet of Hunt Avenue from Worley Street to I-70 Drive SW as shown on the Attachments A1 and A2.

Currently, Hunt Avenue has a 30-foot right-of-way. The existing street is unimproved with a pavement width of approximately 20 feet. Staff recommends reconstructing the street to 28-feet wide with a 5-foot sidewalk at the back of curb on the west side of the street. The street design will include several rain garden bulb-outs and a strip of porous pavement with an underdrain. These low-impact and water quality improvements are in accordance with the new storm water manual.

Hunt Avenue reconstruction is programmed in the FY08 CIP with a budget of \$561,000. The street is in a CDBG eligible area. Funding sources are CDBG funds and Capital Improvement Project funds. Engineering design services are provided by Shafer, Kline & Warren Inc. engineering firm for \$40,100.00. The resolution estimate for construction of Hunt Avenue is \$521,000.

DISCUSSION

Existing Conditions

The existing right-of-way width for Hunt Avenue is 30 feet and the street consists of an unimproved 20-foot wide pavement. There are no sidewalks on any portion of Hunt Avenue. The south side of Worley Street has a sidewalk. Parking is restricted to the east side of the street.

Utility/power poles will remain in place on the east side of the street. The design of the recommended improvements will avoid power pole relocation as much as possible. Some sanitary sewer reconstruction will be necessary with this project. During project design, the existing conditions of the underground utilities will be evaluated for possible reconstruction or repair by the utility prior to street construction.

Neighborhood Involvement

An open house meeting was held Tuesday, August 7, 2007, from 5 p.m. to 7 p.m. at the Activities and Recreation Center (ARC). The proposed street and pavement section were available for property owners to look at and ask questions. Two engineers from Shafer, Kline & Warren, the design consultant, and two engineers from the City staffed the open house. Thirteen (13) people attended the meeting representing 10 of the 29 abutting properties. The comments included speeding traffic, tree preservation, driveway access in relation to bulb-outs, concerns of illegal activities, property maintenance and development of vacant lots. Staff feels that those in attendance were overall in favor of the project. This report will be sent to property owners and interested parties prior to the public hearing.

Project Description

The current street standards call for a 28-foot pavement width with 5-foot sidewalks on both sides of the road set back 5 feet from back of curb. However, when retrofitting street reconstruction in existing neighborhoods, modifications to the street standards reduce the impact of the improvement on existing yard areas and provide a design that will accommodate resident requests and concerns and provide a safe and adequate facility.

Staff recommends a 28-foot pavement with a 5-foot sidewalk at the back of curb on the west side of the street. The proposed centerline of the 28-foot pavement is slightly offset to avoid the existing utility poles on the east side. The existing right-of-way is 30 feet, so additional street easement from both sides of the street will be necessary to construct the proposed improvement.

The 28-foot wide street will allow parking on both sides of the street. Parking on both sides of the street in conjunction with the proposed bulb-outs will provide traffic calming.

The street is at the top of the County House and Harmony Branch drainage basins. The proposed pavement section will slope the street pavement to the west side where a 5.5-foot wide section of porous pavement will filter stormwater runoff to an underdrain (see Attachment B). The rain garden bulb-outs will act like micro-detention areas reducing gutter flows and providing opportunities for the runoff to be filtered through native plants and engineered soils. The underdrain will outlet to Worley Street. By filtering and detaining the stormwater runoff, the runoff quality and quantity onto Worley will be improved over a standard curb and gutter street. Additionally, traditional drainage structures will not be required. The design of the street will allow for all properties on Hunt Avenue to drain toward the pavement.

The Water and Light department previously identified the need to create an electric loop between existing feeders on Worley Street and London Drive by extending a 600 amp feeder up Hunt Avenue. This feeder will be constructed prior to or in conjunction with the Hunt Avenue improvement project to minimize impacts to the residents. The feeder will be underground and located on the west side of Hunt Avenue behind the sidewalk in a 10-foot electric easement.

Portions of the underground line will be installed using boring techniques to avoid damage to large trees. All properties along Hunt Avenue will continue to be served by the existing overhead electric line on the east side of the street which is not required to be relocated. Three service poles on the west side of the street will be relocated approximately 4-5 feet to the west to avoid conflicts with the proposed sidewalk.

Some sanitary sewer maintenance replacements will be required during the reconstruction project. The existing conditions of the other utilities will be evaluated for possible reconstruction or repair by the utility prior to street construction.

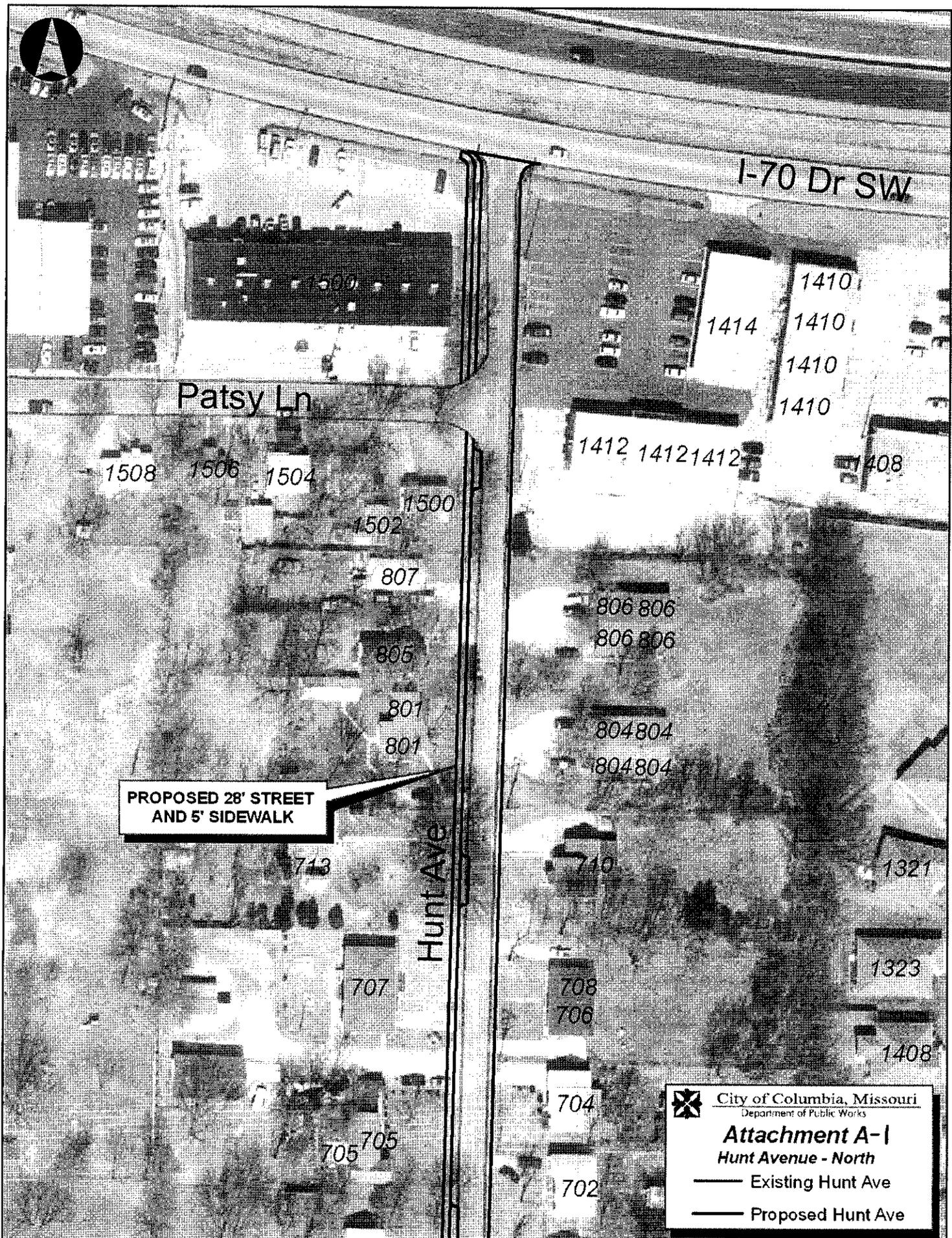
Some trees will be removed with this improvement. Every effort will be made to preserve the large specimen trees and replace or preserve smaller specimen trees. Native plants will be included in the rain garden bulb-outs.

Staff feels this design best accomplishes the purpose of the residential street with the least disturbance to existing yards. The design provides parking, traffic calming and storm water infiltration in addition to the benefits of a sidewalk and curb and gutter.

Hunt Avenue reconstruction is programmed in the FY08 CIP with a budget of \$561,000. The street is in a CDBG eligible area. Funding sources are CDBG funds and Capital Improvement Project Funds.

SUGGESTED COUNCIL ACTION

Approval of the resolution. If, after public input and discussion, Council wishes to proceed with the project, a motion should be made directing staff to finalize plans and specifications.



Patsy Ln

I-70 Dr SW

Hunt Ave

PROPOSED 28' STREET AND 5' SIDEWALK

 **City of Columbia, Missouri**
 Department of Public Works

Attachment A-1
Hunt Avenue - North

— Existing Hunt Ave
 — Proposed Hunt Ave

1508 1506 1504

1500 1502

807

805

801

801

713

707

705 705

1410

1414 1410

1410

1410

1412 1412 1412

1408

806 806

806 806

804 804

804 804

710

1321

1323

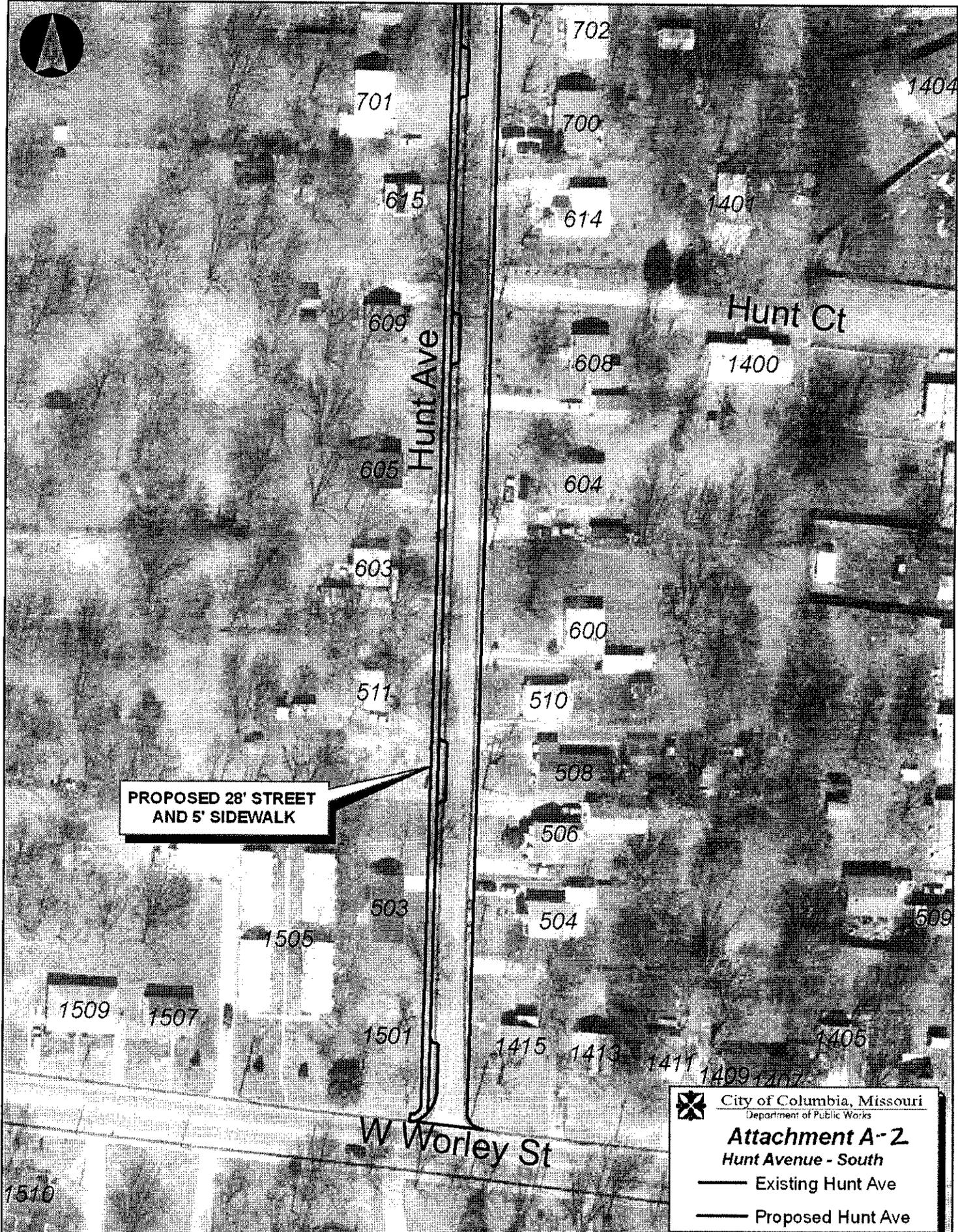
708

706

1408

704

702



**PROPOSED 28' STREET
AND 5' SIDEWALK**

 City of Columbia, Missouri
Department of Public Works

Attachment A-2
Hunt Avenue - South

— Existing Hunt Ave
— Proposed Hunt Ave

W Worley St

Hunt Ct

701

702

700

1404

615

614

1401

609

608

1400

Hunt Ave

605

604

603

600

511

510

508

506

503

504

509

1505

1509

1507

1501

1415

1413

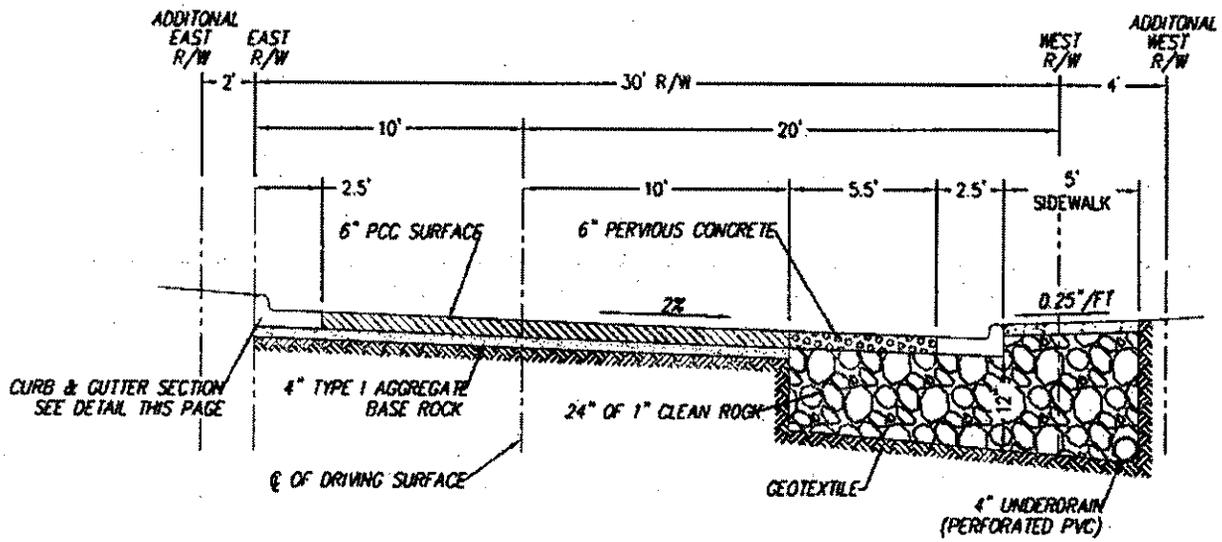
1411

1409

1407

1406

1510



TYPICAL STREET SECTION



SHAFER, KLINE & WARREN, INC.

1400 Forum Boulevard, Suite 19A, Columbia, MO 65203
 PHONE: (573) 442-4537 FAX: (573) 442-4543

HUNT AVE IMPROVEMENTS DATE: 9/07
 COLUMBIA, BOONE COUNTY, MO 800130-010

ATTACHMENT B

A RESOLUTION

declaring the necessity for street improvements on Hunt Avenue from Worley Street to I-70 Drive Southwest; stating the nature of and the estimate of the cost of the improvement; providing for payment for the improvement; providing for compliance with the prevailing wage law; and setting a public hearing.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Council deems the construction of street pavement, storm drainage improvements, sidewalks on the west side of the street and other miscellaneous work, all in accordance with the City of Columbia Street and Storm Sewer Specifications and Standards, on Hunt Avenue from Worley Street to I-70 Drive Southwest, necessary to the welfare and improvement of the City.

SECTION 2. The nature and scope of the improvement shall consist of furnishing all labor, materials, transportation, insurance and all other items, accessories and incidentals thereto necessary for the complete construction of the improvements.

SECTION 3. The estimated cost of this improvement is \$521,000.00.

SECTION 4. Payment for this improvement shall be made from Community Development Block Grant Funds, Capital Improvement Sales Tax Funds and such other funds as may be lawfully appropriated.

SECTION 5. Any work done in connection with the construction of the improvement specified above shall be in compliance with the provisions of the prevailing wage laws of the State of Missouri. The City shall also cause to be inserted into the contract a stipulation that all laborers and mechanics employed by the contractor or subcontractors in the performance of work under the contract shall be paid wages at rates not less than those prevailing on similar construction in the locality as determined by the Secretary of Labor in accordance with the Davis-Bacon Act.

SECTION 6. This resolution shall be published in a daily newspaper of general circulation in the City of Columbia for seven (7) consecutive insertions, and a public hearing in respect to this improvement will be held in the Council Chamber of the Daniel Boone Building, 701 E. Broadway, Columbia, Missouri, at 7:00 p.m. on October 15, 2007.

ADOPTED this _____ day of _____, 2007.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor