

**CITY OF LOGAN
RESOLUTION NO. 12-50**

A RESOLUTION ESTABLISHING A WAYFINDING SYSTEM

WHEREAS, the Municipal Council finds that the physical condition of a city-wide way finding system is of significant importance to the vitality of the City of Logan and Cache Valley; and

WHEREAS, the Logan Wayfinding System directs residents and visitors to significant locations, attractions and parking; and

WHEREAS, the Logan Wayfinding System implements efficient routes with the least amount of confusion; and

WHEREAS, the Logan Wayfinding System is consistent with, and actively promotes, the goals in the Downtown Logan Specific Plan and Logan General Plan; and

WHEREAS, a public process was utilized, including a steering committee consisting of local business owners, elected City officials and community leaders to develop and prepare this Wayfinding Plan in order to ensure both property owners and Logan residents alike had a chance to actively participate; and

NOW THEREFORE, BE IT RESOLVED THAT THE LOGAN MUNICIPAL COUNCIL, hereby adopts the Logan Wayfinding System.

This resolution shall take effect immediately upon its adoption and approval.

PASSED BY THE LOGAN MUNICIPAL COUNCIL THIS 17TH DAY OF JULY, 2012.

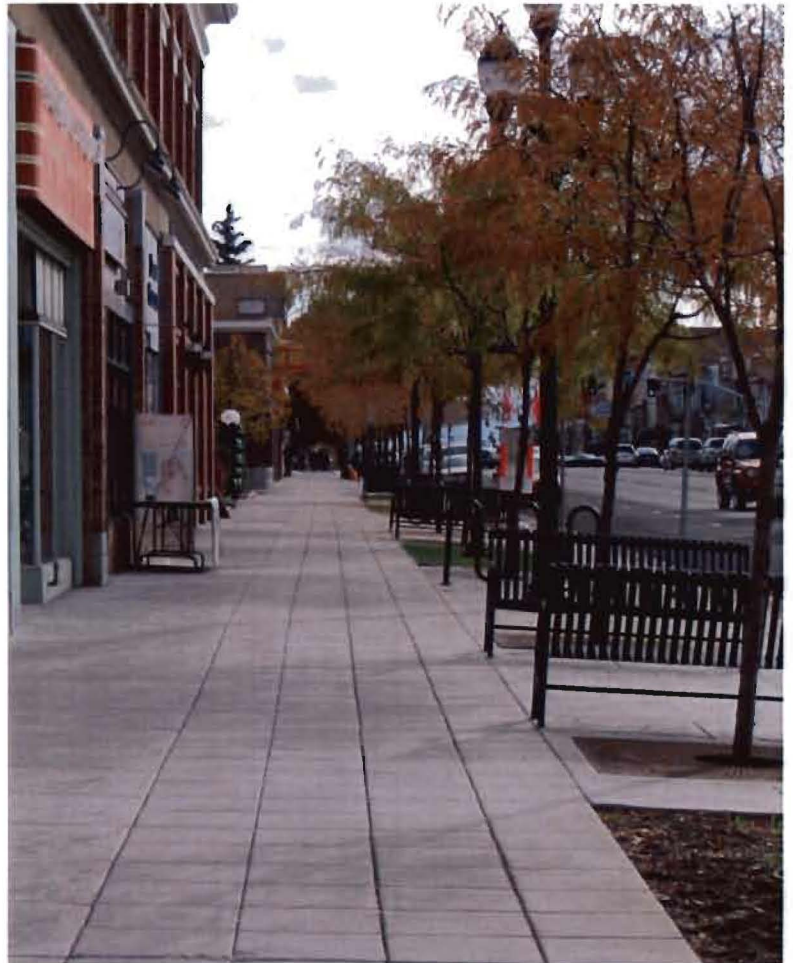

Dean Quayle, Council Chairperson

ATTEST:


Teresa Harris, City Recorder

Logan Wayfinding System

Logan, Utah



Prepared by:
Landmark Design Inc.

April 2012



ACKNOWLEDGEMENTS

Logan Wayfinding Committee

Wally Bloss	Cache Valley Center for the Arts
Kristen Clifford	Logan City Planning, Project Manager
Sandy Emile	Logan City Chamber of Commerce
Holly Daines	Logan City Council
Mike DeSimone	Logan City Community Development Director
Jeff Gilbert	Cache Metropolitan Planning Organization
Glen Goins	Logan City Planning Manager
Russ Holley	Logan City Planner
Kirk Jensen	Logan City Economic Development
Tom Jensen	Logan City Downtown
Joe Needham	Logan City Downtown
Gary Saxton	Logan City Downtown

Consultant Team

Jan Striefel	Landmark Design Inc.
Jennifer Hale	Landmark Design Inc.
Seth Striefel	Sparano + Mooney Architecture

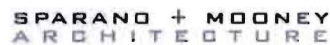


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1 Introduction

Purpose

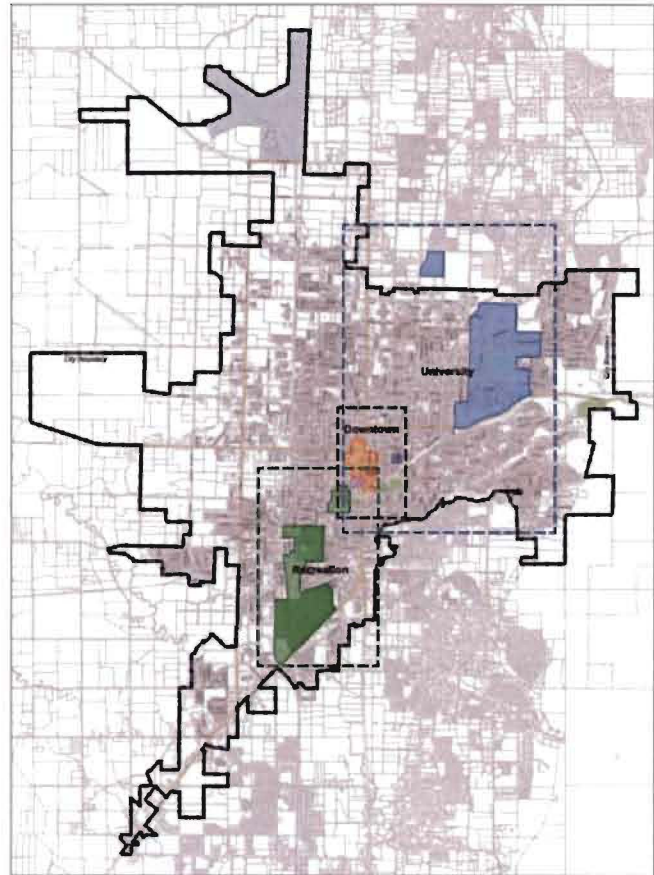
The purpose of the Wayfinding System for the City of Logan is to clearly convey location and directions to the first-time visitor or new arrivals to the area and to further clarify the Downtown area for those who do not know it intimately. The Wayfinding System is comprised of a variety of sign types that have been designed to provide a consistent and unified identity for the City.

Extent of the Wayfinding System

The Wayfinding System focuses on the Downtown Area, but also addresses other important destinations within the City—specifically, the Recreational Area (south of Downtown) and the University Area (north of Downtown) (see map below). The Downtown Area has been divided into districts to facilitate directing vehicles to parking areas that are closest to their desired destination or purpose for coming to downtown. The downtown area is comprised of three districts: Arts District, Downtown, and Government Center.

Signage is primarily to be located along key corridors throughout the City, and Downtown Logan in particular. It is important to note that the Downtown Area includes two major UDOT roads: Main Street and 200 North. Signage along these roads must follow UDOT standards and design, and the design, message and recommended locations of signs as set forth in the Manual of Uniform Traffic Control Devices (MUTCD). 400 North Street is also a UDOT roadway. Signs on local roads should also comply with the MUTCD standards.

Prior to installation, all signs to be installed within the UDOT right-of-way will need to go through an approval and permitting process.



Wayfinding System Areas

2 Signage System

The Logan Wayfinding System is intended to direct visitors who arrive via vehicle to an appropriate area through vehicular-oriented Directional Signage and to a nearby parking area through Parking Identification Signage. Once out of their vehicle, visitors will be guided through information located on pedestrian-oriented kiosks and information signs.

Sign Types

Although the signage system is comprised of several sign types, the overall system has been designed to be consistent and create a unified identity for the City of Logan. Signs within the UDOT rights-of-way include a breakaway base, and incorporate the City's logo into the body of the sign as required. The following sign types comprise the signage system:

Vehicular-Oriented:

- Logan District Identification Sign (L)
- Downtown Gateway (G)
- District Directional Signs (D)
- District Parking Identification (P)

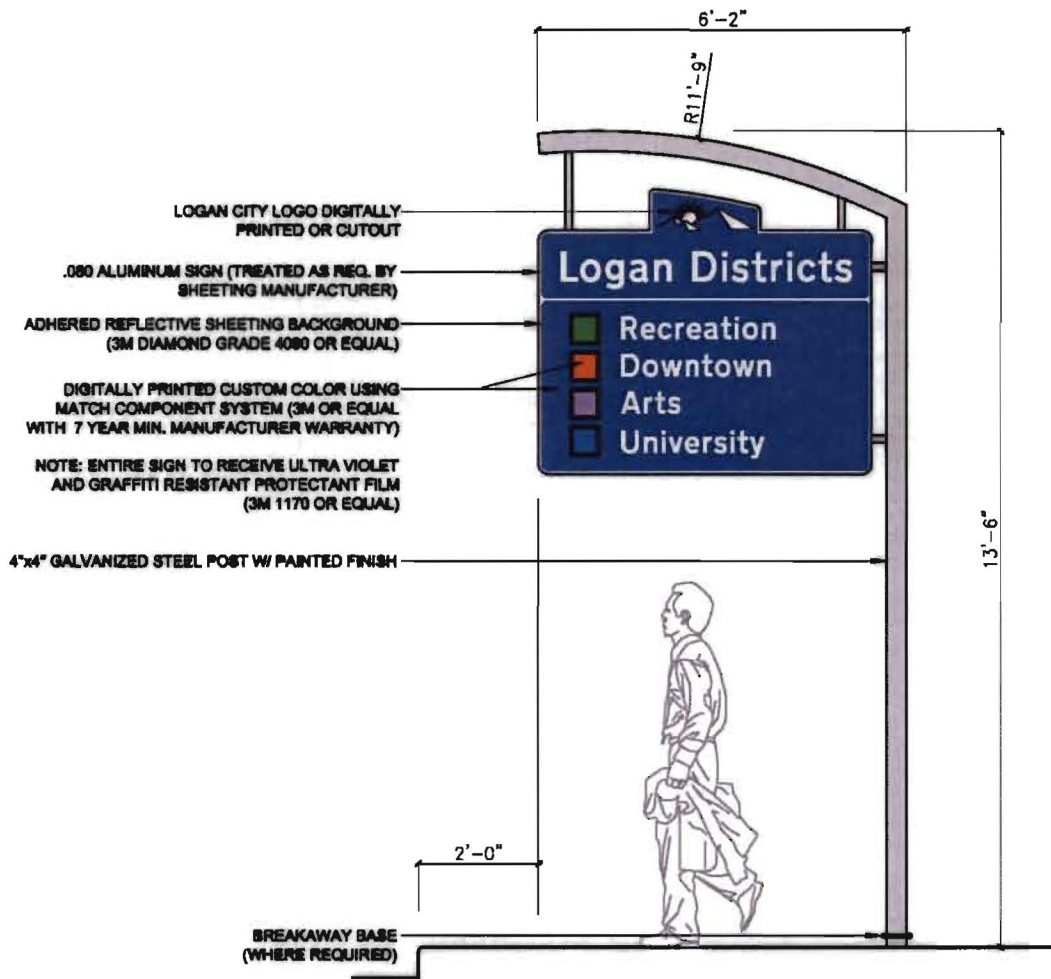
Pedestrian-Oriented:

- Main Information Kiosk -Pedestrian (K)
- Interpretive Destination/District Information -Pedestrian (I)
- Pedestrian Corridor Entry Arch (A) -Concept

Recommended sign locations are shown on the Area Maps located at the end of this document.

Logan District Identification Sign (L)

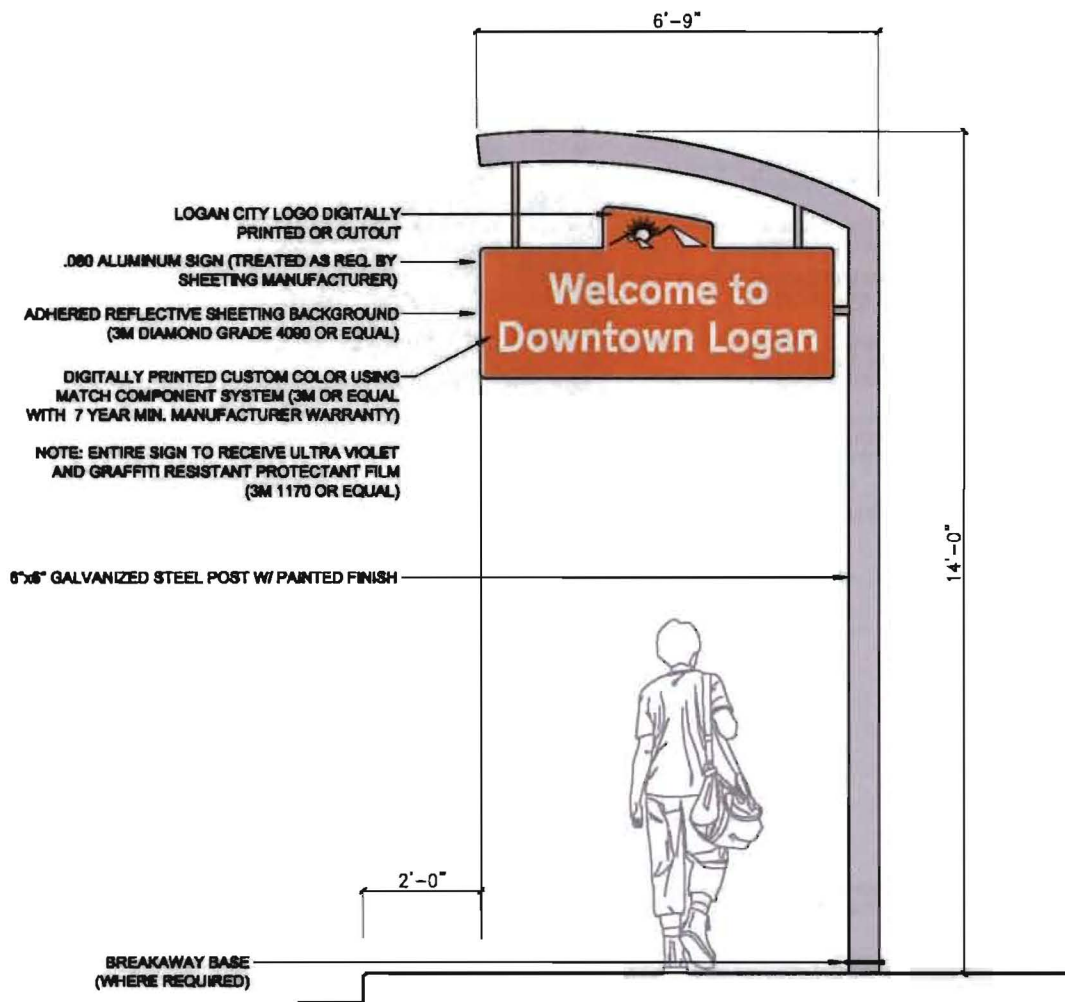
Logan District Identification Signs introduce the visitor/driver to the City's districts (distinguished by color). Signs are placed at entrances to the City just prior to areas that are included in the established City districts. The colors indicated in the squares on the sign coincide with the colors of the signing for each district.¹ As required, they are set back two (2) feet from the front of the curb and have a minimum of seven (7) feet clearance between the ground surface and the bottom edge of the sign. The message on these signs occurs on one side only, facing traffic.



¹ Color selections to represent each of the districts will be made by the City of Logan.

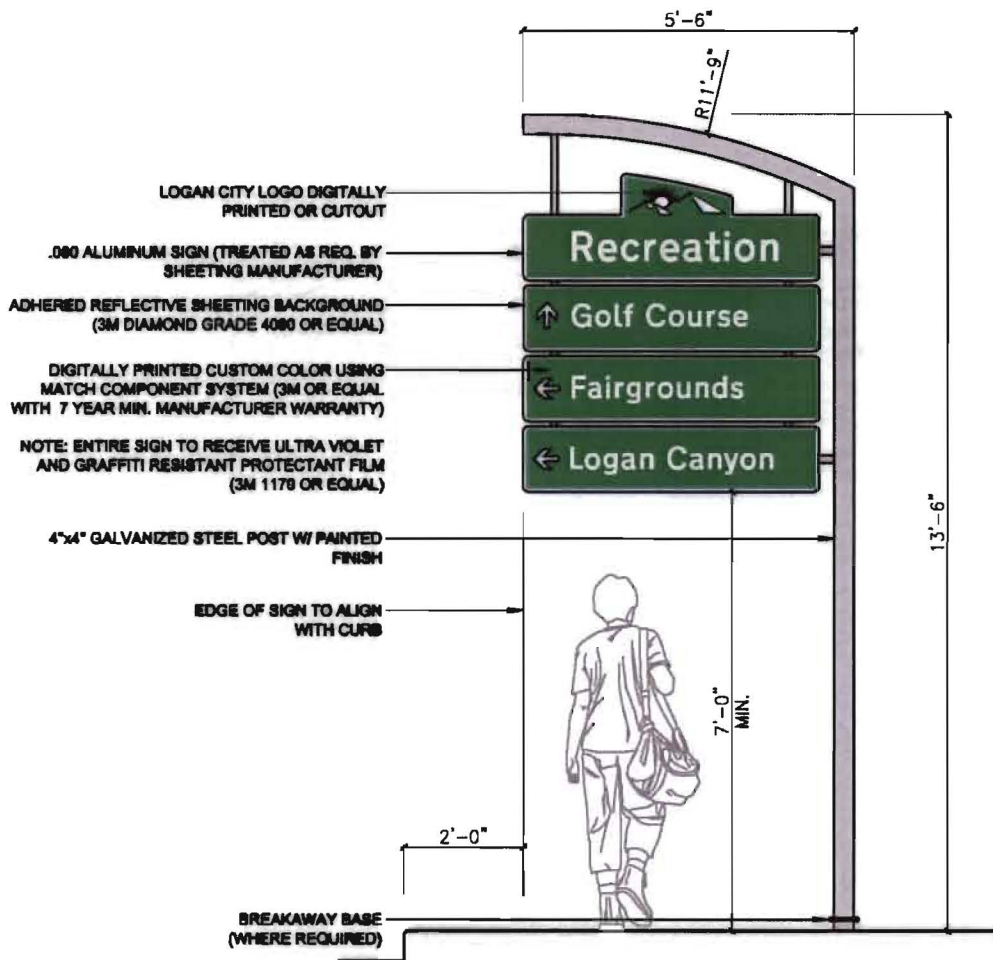
Downtown Gateway (G)

Two Downtown Gateway signs should be placed at each entry at the north and south ends of the downtown area—500 North and 200 South, or wherever the City determine are the best locations. The Downtown Gateway Signs are oriented vertically—due to limited space—and fit into the existing streetscape design of the downtown area. These signs are similar in style to the other signs in the Wayfinding System, but are both larger and taller to signify the entry into a specific place. Note: Height and width were determined by local and state codes. The message on these signs occurs on one side only, facing traffic.



District Directional Signs (D)

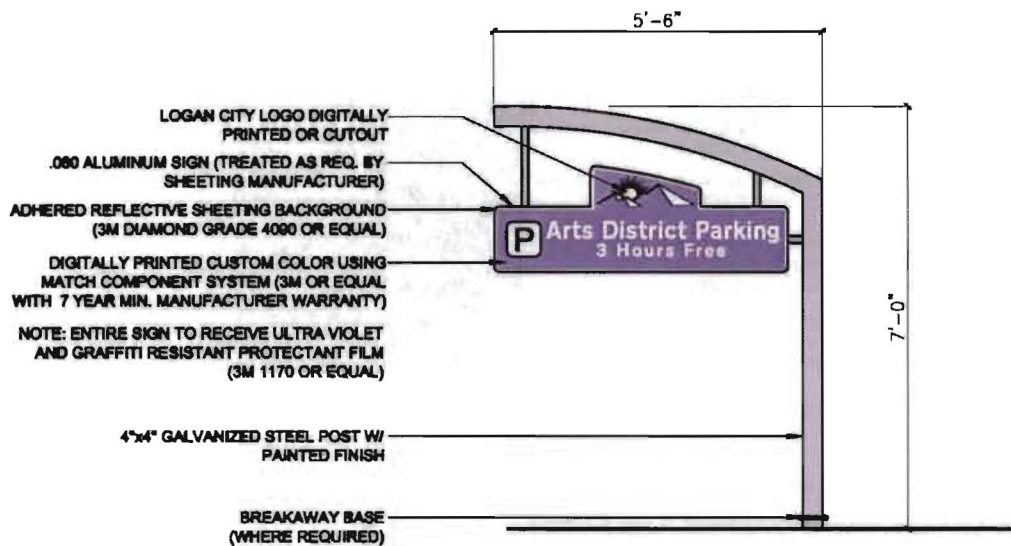
Directional signs are the primary sign for getting visitors off of Logan’s main road—Highway 89/91 or Main Street—to their destination within the City. The MUTCD indicates that no more than 3 destinations should be located on each sign; however, Region 1 UDOT personnel indicate that if four are necessary, they will take it into consideration (see Appendix for an illustration of a District Directional Sign with four destinations). Colors of signs vary according to District and correspond to those on the Logan District Identification Signs (L). The message on these signs occurs on one side only, facing traffic.



District Parking Identification (P)

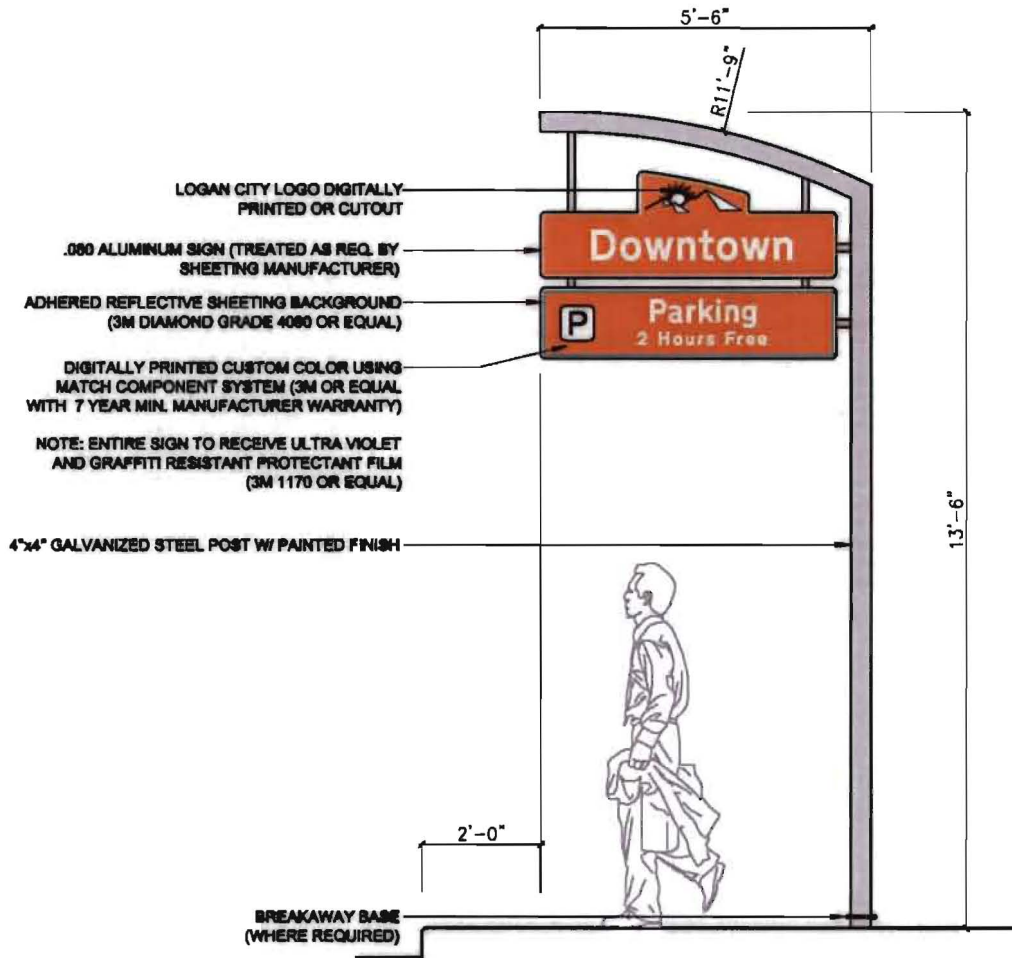
District Parking Identification signs are primarily used in the downtown area to indicate major parking areas. There are two size options: Typical or Full-size. The full-size option demonstrates a Parking Identification sign that would function in areas where visibility is limited. For example, a full-size sign could be used where angled parking makes it difficult to see the entrance to parking areas on West Center Street. As an alternative, parking spaces may be eliminated and transformed into a bulb-out that could include the Typical Sign and perhaps special treatments with paving and landscape. The Typical signs could be used at other locations where visibility and pedestrian traffic is not a concern. Parking Identification signs are two-sided so the message is easily read from two directions.

Option 1-Typical



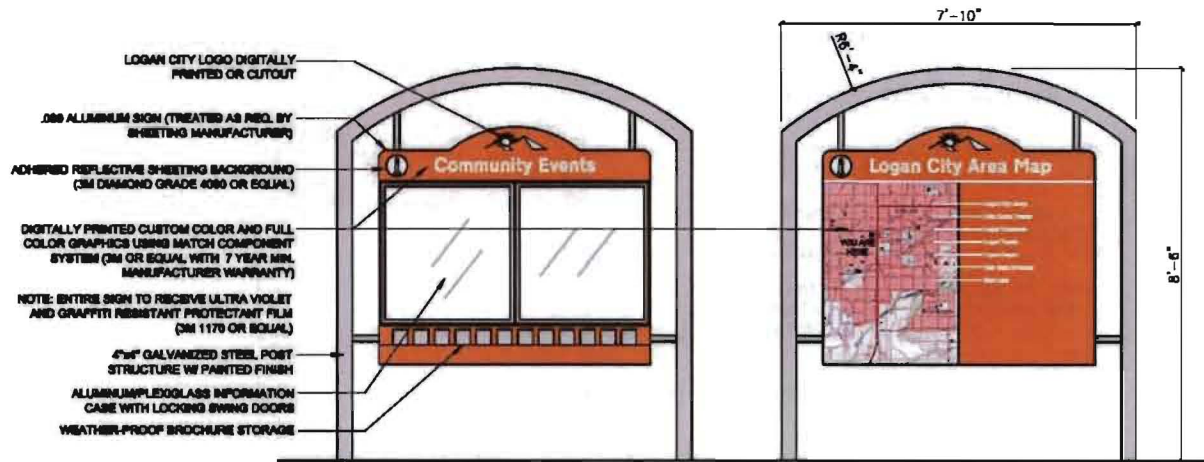
District Parking Identification (P)

Option 2-Full-Size



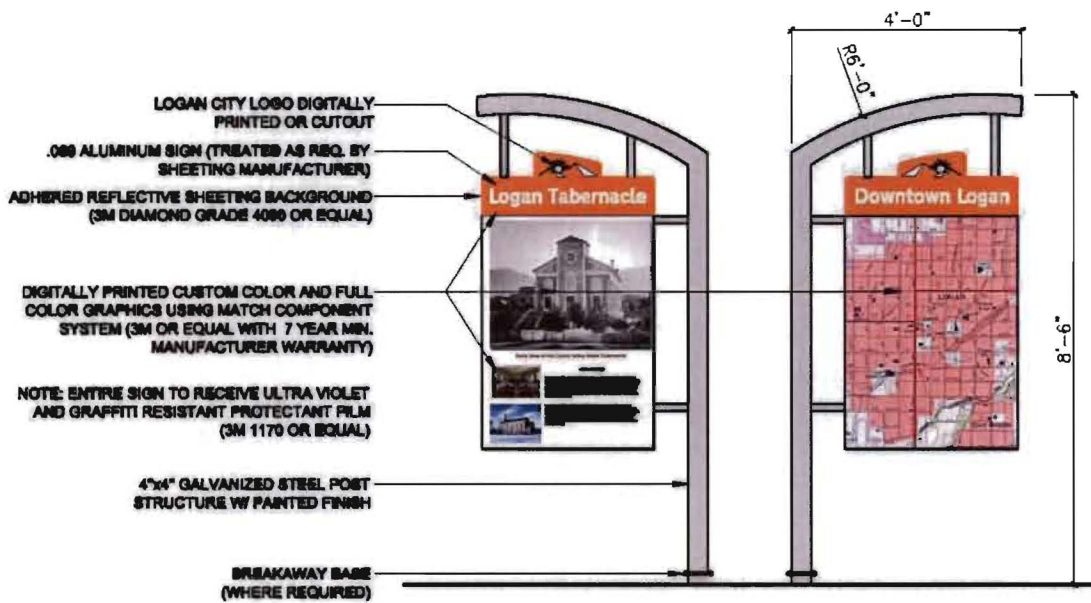
Information Kiosk - Pedestrian (K)

Information Kiosks provide places where pedestrians can access maps with both local and regional information, information about local events and destinations, and other important information about attractions and services. Two areas have been identified for kiosks in the downtown area (in the plaza at the Visitor Information Center and on the Tabernacle grounds) and another at the gateway to Logan Canyon. These signs have messages and graphics on both sides.



Interpretive Destination/District Information - Pedestrian (I)

Interpretive Destination/District Information signs are for the purpose of orienting pedestrians to downtown areas and destinations. Such signs are to be located in parking areas and at important landmarks throughout the downtown area, such as theaters, public facilities, etc. They will provide more detailed information about attractions and destinations, as well as interpretive information about various sites, building, historical features, and other relevant information. These signs have messages and graphics on both sides.



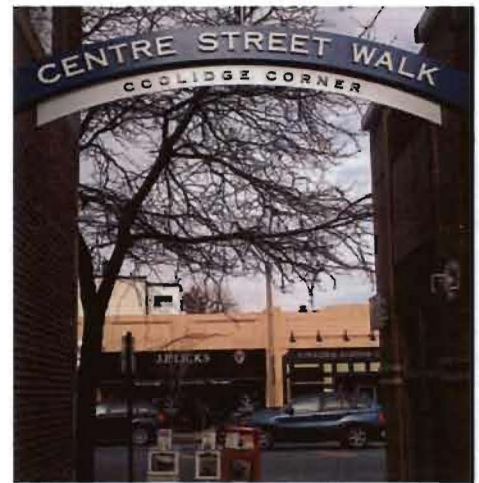
Pedestrian Corridor Entry Arch(A) - Concept

An existing mid-block pedestrian corridor runs north-south between 200 North and Center Street (see map below). Additional signage at the entry points of the pedestrian corridor could be integrated into the signage system to encourage pedestrian use. A clearly marked and identified mid-block pedestrian crossing across 100 North should also be considered.

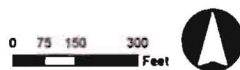


Legend

- Pedestrian corridor entry arch
- Pedestrian corridor



Examples of Pedestrian Corridor Entry Signs



Sign Locations & Placement

General Guidelines

The Area Maps located at the end of this document indicate general locations for the various sign types of the Wayfinding System. Actual placement of the signs should be determined by the City while keeping the following guidelines in mind. Additionally, those signs which will occur in UDOT rights-of-way must be submitted to UDOT Regional 1 Headquarters in Ogden, Utah and go through the permitting process prior to installation. UDOT personnel have reviewed this Wayfinding System concept and have indicated that it preliminarily meets their requirements.

Guideline #1: Signs should be located away from other signs, streetscape elements, and vegetation.

In general, signs should be located far enough apart from other vertical elements (other signage, light poles, trees, etc.) as to be still readable from the road.

Guideline #2: Signs should be located at a sufficient distance from the intersection.

Signs should also be placed in order to give drivers adequate time to read the sign and make a decision.

Guideline #3: Signs should be located according to UDOT standards as outlined in the MUTCD.

UDOT requires that signs be set back a minimum of 2 feet from any curb on UDOT roads.

Guideline #4: Signs cannot be located in the clear zone.

The clear zone along Main Street is fourteen (14) feet from the travel way (which includes eight (8) feet for parking and two (2) feet for curb and gutter). A clear zone of fourteen (14) feet is required for all roads up to 40 miles per hour (mph) – Main Street is a 35 mph road; at 40 mph, the clear zone extends to twenty (20) feet.

Special Conditions

Currently, there are several areas in the downtown area that may prove challenging when locating wayfinding signs. The following recommendations are for these challenging areas.

Area #1: Main Street in Downtown

Challenge: Current streetscape elements along Main Street in Downtown Logan include benches, bike racks, light poles, banner poles and trees. These elements vary in spacing from block to block, but in general elements are approximately fourteen to sixteen (14-16) feet apart. Trees and poles are generally located five (5) feet behind the curb; benches and bike racks are centered on the trees and poles, and thus extend farther toward the curb and into the sidewalk.

Recommendation: In order to avoid clutter and to assure the signs are legible, it may be necessary to remove a conflicting element of the streetscape.

Area #2: Center Street in Downtown

Challenge: Angled parking blocks visibility of the parking area entrances.

Recommendation: Remove a parking space(s) to create additional room and a visual break. Create a bulb-out and bring the sign out closer to the street with additional landscape or hardscape treatments.



*Streetscape elements along Main Street
in Downtown Logan*



*Angled parking along Center Street
in Downtown Logan*

Message Content & Schedule

In order to effectively guide visitors to the places they want to go, the recommended Message Schedule **which follows has been developed based on simplicity and according to “less-is-more” principles**, as well as UDOT/MUTCD requirements:

1. Three messages or three lines of information are most manageable for vehicles traveling at speeds between 25-45 mph. Special accommodation may be made if an additional destination/message is needed.
2. Messages should be concise and intended for visitors who are seeking a public destination, and should be general in nature. Rather than Logan River Golf Course, simply "Golf Course". Churches, schools, post offices, cemeteries and other specific destinations that are not regional destinations are not signed – general categories such as "City Offices" are permitted.
3. The City may have other districts and destinations that it wishes to sign. In such cases, the City will work with UDOT to assure that requirements and standards are met when signs occur in the UDOT right-of-way.

It should be noted that messages included on the following schedule were chosen to fit the dimensions of the signs, as illustrated on pages 5-7 of this document. The overall sign width illustrated was determined after considering the UDOT-**required setback from the curb (2')** and the **typical placement of street amenities** (benches, banner poles, light poles, etc.) along Main Street. Additionally, the message length is limited by the UDOT/MUTCD requirements for font and minimum letter size (see *Graphic Standards* on pg. 18).

In early stages of the design process, the Committee expressed an interest to include symbols along with text. These graphics would allow drivers-by to more quickly identify destinations such as parking, information, and trailheads by a universally-known symbol rather than by text only. However, in many cases, the length of the sign (determined in part by the UDOT requirements mentioned above) does not allow for both text and a symbol. If, as the sign designs are finalized, it is concluded that both the text and symbols can be used (whether by special approval by UDOT or another determination), it is recommend to use both. Recommended symbols are included in the Message Schedule in the Graphic Symbol Alternatives column.

The general color selections for the districts are as follows: Downtown – Orange; University – Blue; Recreation – Green, and Arts – Purple. Exact colors will be selected by Logan City at the time the signs are designed. Prohibited colors include yellow and red, and the fluorescent colors typically used by UDOT for warnings and hazards.







Note: Some destinations shown on the Message Schedule use two lines. Two-line destinations are only used where the entire sign will be no longer than a District Directional Sign with four destinations. See Appendix for examples of a District Directional Sign with four destinations and two-line destination panels (as seen in the illustrations under the *Directional Sign Options for Non-District Areas* heading).

Message Schedule

Recreation Area			
#	Sign Text	Graphic Symbol Alternatives	Notes
District Directional Signs (D)			
D-01	Recreation		
	<ul style="list-style-type: none"> ← Golf Course ← Parks ← Fairgrounds 		
D-02	Recreation		
	<ul style="list-style-type: none"> → Golf Course → Parks → Fairgrounds 		
D-03	Recreation		
	<ul style="list-style-type: none"> ← Golf Course ← Parks ← Sports Complex ← Fairgrounds 		
D-04	Recreation		
	<ul style="list-style-type: none"> ↑ Golf Course → Parks → Sports Complex → Fairgrounds 		
D-05	Recreation		
	<ul style="list-style-type: none"> ← Aquatic Center ← Parks ← Sports Complex ← Fairgrounds 		
D-06	Recreation		
	<ul style="list-style-type: none"> ← Recreation Center ← Aquatic Center 		
D-07	Recreation		
	<ul style="list-style-type: none"> → Recreation Center → Aquatic Center 		
D-08	Recreation		
	<ul style="list-style-type: none"> → Recreation Center ↑ Aquatic Center 		
D-09	Recreation		
	<ul style="list-style-type: none"> ← Recreation Center 		

Recreation Area			
#	Sign Text	Graphic Symbol Alternatives	Notes
D-10	Recreation		
	<ul style="list-style-type: none"> ← Aquatic Center ← Parks ← Sports Complex ← Fairgrounds 		
Downtown Area			
#	Sign Text	Graphic Symbol Alternatives	Notes
District Directional Signs (D)			
D-11	Arts District		
	→ Public Parking	→ Public Parking	
D-12	Arts District		
	→ Public Parking	→ Public Parking	
D-13	Downtown		* Arts District panel to be the color selected for the Arts District (Purple).
	→ Tabernacle	--	
	→ City Park	→ City Park	
	← Public Parking	← Public Parking	
	← Arts District*	--	
D-14	(No District Panel-See Appendix A for sign options)		
	↑ City Park	↑ City Park	
D-15	Downtown		
	→ Public Parking	→ Public Parking	
D-16	Downtown		
	↔ Public Parking	↔ Public Parking	
D-17	Downtown		
	← Public Parking	← Public Parking	
D-18	Downtown		
	↔ Public Parking	↔ Public Parking	
D-19	Downtown		
	← Visitors Center	← Visitors Center	
	← City Offices	--	
	← Public Parking	← Public Parking	
	← County Offices		
D-20	Downtown		
	→ Visitors Center	→ Visitors Center	
	→ City Offices	--	
	→ Public Parking	→ Public Parking	
D-21	Downtown		
	→ City Offices	--	
	← Visitors Center	← Visitors Center	
	← County Offices	--	
	↔ Public Parking	↔ Public Parking	

Downtown Area			
#	Sign Text	Graphic Symbol Alternatives	Notes
D-22	Downtown		
	← City Offices → Visitors Center → County Offices ↔ Public Parking	-- → Visitors Center ⓘ -- ↔ Public Parking [P]	
D-23	<i>(No District Panel-See Appendix A for sign options)</i>		
	→ Utah State University → Logan Canyon	-- → Logan Canyon ⓘ ⓘ	
D-24	<i>(No District Panel-See Appendix A for sign options)</i>		
	← Utah State University ← Logan Canyon	-- ← Logan Canyon ⓘ ⓘ	
D-25	<i>(No District Panel-See Appendix A for sign options)</i>		
	→ Transit Center		
D-26	<i>(No District Panel-See Appendix A for sign options)</i>		
	← Transit Center		
Downtown Parking Identification Signs (P)			
P-01	Downtown Parking		*Number of parking hours to be determined. The city-owned, free-downtown-parking portion of this parking lot should be clearly marked and signed.
	#* Hours Free		
P-02	Downtown Parking		*Number of parking hours to be determined.
	#* Hours Free		
P-03	Downtown Parking		*Number of parking hours to be determined.
	#* Hours Free		
P-04	Downtown Parking		*Number of parking hours to be determined.
	#* Hours Free		
P-05	Downtown Parking		*Number of parking hours to be determined.
	#* Hours Free		
P-06	Downtown Parking		*Number of parking hours to be determined.
	#* Hours Free		
P-07	Arts District Parking		*Number of parking hours to be determined.
	#* Hours Free		
P-08	Arts District Parking		*Number of parking hours to be determined.
	#* Hours Free		

University Area			
District Directional Signs (D)			
D-27	University		* Specific University destinations to be determined.
	← Utah State University*		
D-28	University		* Specific University destinations to be determined.
	→ Utah State University*		
D-29	University		* Specific University destinations to be determined.
	→ Utah State University*		
D-30	University		* Specific University destinations to be determined. ** Logan Canyon panel to be the color selected for the Recreation Area (Green).
	← Utah State University*		
	↑ Logan Canyon**	↑ Logan Canyon  	
D-31	University		* Specific University destinations to be determined. ** Downtown panel to be the color selected for the Downtown District (Orange).
	→ Utah State University*		
	↑ Downtown**		
D-32	(No District Panel-See Appendix A for sign options)		* Canyon Entrance Park panel to be the color selected for the Recreation Area (Green).
	→ Canyon Entrance Park*	→ Canyon Entrance Park  	
D-33	(No District Panel-See Appendix A for sign options)		* Canyon Entrance Park panel to be the color selected for the Recreation Area (Green).
	← Canyon Entrance Park*	← Canyon Entrance Park  	
D-34	University		
	← Innovation Campus		
D-35	University		
	→ Utah State University		
D-36	University		
	→ Innovation Campus		
D-37	University		
	← Innovation Campus		
D-38	University		
	→ Innovation Campus		
	→ Utah State University		
D-39	University		
	← Innovation Campus		
	← Utah State University		

Average cost per square foot: \$100.00

Average life: Ten (10 years)

Porcelain Enamel

Porcelain Enamel: Created by reproducing graphics, photos, and illustrations in porcelain paints baked onto a metal substrate. This produces the highest quality signing, is durable and scratch-resistant.

Average cost per square foot: \$400.00

Average life: Twenty-five (25) years

Post Materials

4" x 4" galvanized steel post with painted finish. A 25-year warranty available.

Mounting and Hardware

Breakaway base (if located within the UDOT right-of-way). Signs may be either surface mounted or direct burial.

4 Cost Estimate and Phasing Plan

Cost Estimate

The following costs are represented in 2012 dollars and are based on signing that is composed of an aluminium backing and reflective sheeting of the sizes indicated in the following charts. The following Unit Costs were used in the estimates, and were obtained from firms in the industry. The signs are described below and are categorized as either Single Side Message Signs or Double Side Message Signs.

Aluminum backing and reflective sheeting	\$	35	per square foot
4" x 4" painted steel pole with breakaway base – tall	\$	1,135	each
4" x 4" painted steel pole with breakaway base – low	\$	900	each
Graphic artwork for Directional Signs	\$	200	per sign face
Graphic artwork for Kiosks and Interpretive signs	\$	800	per sign face

Installation costs are estimated at one-half the fabrication cost.

Single Side Message Signs

Logan District and District Directional Signs (L and D)

Approximately, 5' x 5' sign (aluminum with reflective sheeting), mounted on a 4" x 4" painted steel pole approximately 14' tall, with break-away base. Sign message on one side only.

Downtown Gateway Signs (G)

Approximately, 3' x 6' sign (aluminum with reflective sheeting), mounted on a 6" x 8" painted steel pole approximately 14' tall, with break-away base. Sign message on one side only.

SIGN TYPE - One Message Side	Sign Face*	Pole** (each)	Graphics	Subtotal	Installation	\$ Per Each	Quantity	TOTAL
Logan District Identification (L) 5' x 5'	\$875	\$1,135	\$200	\$2,210	\$1,105	\$3,315	3	\$9,945
Downtown Gateway (G) 3' x 6'	\$630	\$2,135	\$200	\$2,965	\$1,483	\$4,448	4	\$17,790
District Directional Signs (D) 5' x 5'	\$875	\$1,135	\$200	\$2,210	\$1,105	\$3,315	39	\$129,285
TOTAL SIGNS								\$157,020

* Aluminium with reflective sheeting surface at \$35 per square foot.

**4" x 4" painted steel, includes break-away base.

Double Side Message Signs

District Parking Identification Signs (D)

Approximately, 3' x 6' sign (aluminum with reflective sheeting), mounted on a steel post approximately 7' tall, with break-away base. Sign message on two sides. An option of a taller sign is presented, which would increase the cost of the pole. The height of the sign will depend on its location and visibility.

Information Kiosks (K)

Approximately, 5' x 6' sign (aluminum with reflective sheeting as shown and other components), mounted on steel posts approximately 9' tall. Depending on location, they may not need the break-away base. Sign message on two sides.

Interpretive/Destination (I)

Approximately 3' x 5' sign (aluminum with reflective sheeting as shown and other components), mounted on steel posts approximately 9' tall. Depending on location, they may not need the break-away base. Sign message on two sides. The quantity may vary depending on the attractions and destinations the City determines to highlight; six signs have been used in the cost shown below.

SIGN TYPE - Two Message Sides	Sign Face*	Pole** (each)	Graphics	Subtotal	Installation	\$ Per Each	Quantity	TOTAL
District Parking Identification (P) 3' x 6'	\$1,260	\$900	\$250	\$2,410	\$1,205	\$3,615	9	\$32,535
Information Kiosks (K) 5' x 6'	\$2,100	\$2,270	\$800	\$4,370	\$2,185	\$6,555	3	\$19,665
Interpretive/Destination (I) 3' x 5'	\$1,050	\$1,135	\$800	\$2,185	\$1,093	\$3,278	6	\$19,665
TOTAL SIGNS								\$71,865

* Aluminium with reflective sheeting surface at \$35 per square foot.
 **4" x 4" painted steel, includes break-away base.

Phasing Plan

The City of Logan has indicated that it wishes to implement the signing system in five annual phases. The budget for the first is \$15,000 and the budget for the following four years is approximately \$60,000 per year. In the following, five phases corresponding approximately to the budget allocated for each have been identified, beginning in the Downtown Area which has the highest priority. The five phases are briefly described below and include a breakdown of which signs are proposed for each phase.

Phase I

Phase I includes the four Downtown Gateway (G) signs that signal entry into the Downtown Area of Logan. They are located on the north and south entries into downtown and are positioned on both sides of the roadway.

Phase I - \$15,000			
Sign Type	Quantity	\$ Per Each	Total
Downtown Gateway Signs (G) (Located on the south and north edges of Downtown.)	4	\$4,448	\$17,790

Phase II

Phase II includes all of the District Directional (D) signs in the Downtown Area.

Phase II - \$60,000			
Sign Type	Quantity	\$ Per Each	Total
District Directional Signs (D11 - D26)	16	\$3,315	\$53,040

Phase III

Phase III includes all of the District Parking Identification (P) signs in the Downtown Area, the Logan District Identification (L) signs which indicate the color coded areas of Downtown, two of the Information Kiosks (K) located at the Visitor Center and on the Tabernacle block, and three of the Interpretive/Destination (I) signs in Downtown.

Phase III - \$60,000			
District Parking Identification (P1 - P7)	7	\$3,615	\$25,305
Logan District Identification (L)	3	\$3,315	\$9,945
Information Kiosks (K)	2	\$6,555	\$13,110
Interpretive/Destination (I)	3	\$3,278	\$9,833
TOTAL			\$58,193

Phase IV

Phase IV includes the other Interpretive/Destination (I) signs in Downtown, all of the District Directional (D) signs in the Recreation Area, and an additional Information Kiosk (K) at the Logan Canyon entrance.

Phase IV			
Interpretive/Destination (I)	3	\$3,278	\$9,833
District Directional Signs (D1 - D10)	10	\$3,315	\$33,150
Information Kiosks (K)	1	\$6,555	\$6,555
TOTAL			\$49,538

Phase V

Phase V includes all of the District Directional (D) signs along the 400 North Street route to the Logan Canyon entrance and Utah State University, and along 1400 North Street route primarily oriented to Utah State University destinations.

Phase V			
District Directional Signs (D27 - D39)	13	\$3,315	\$43,095

5 Resources

Throughout the process of developing this Wayfinding System concept, manufacturers' representatives and others have provided valuable information about materials, costs, and other aspects of the System. They have all expressed their willingness to be of further assistance to the City as it begins implementing the System.

Interpretive Graphics Signs and Systems

John Peters
3590 Summerhill Drive
Salt Lake City, Utah 84121
Phone: 801.942.5812
Fax: 801.943.6008
john@interpretivegraphics.com
www.InterpretiveGraphics.com

Interwest Safety

724 E. 1860 South
Provo, Utah 84606
Phone: 801.375.6321
Toll Free: 800.955.1996
www.interwestsafety.com

Safety Supply and Sign

3200 S. Redwood Road
Salt lake City, UT 84119
Phone: 801.973.2266
Fax: 801.973.8044

Mountain States Lighting (sign poles)

Paul Plasha
Phone: 303.838.4430
Cell: 801.556.8814
pplasha@mountainstateslighting.com

3M Representative

AJ Kuhrmeyer
801.680.9914
ajkuhrmeyer@mmm.com

Utah Department of Transportation Region 1

Carrie Jacobsen, Traffic Engineer
Phone: 801.620-1673
Cell: 801.710.5224
cjacobsen@utah.gov

Todd Finlinson, Assistant Traffic Engineer

Phone: 801.620-1619
Cell: 801.419.8853
tfinlinson@utah.gov

Logan Wayfinding System

Logan, Utah

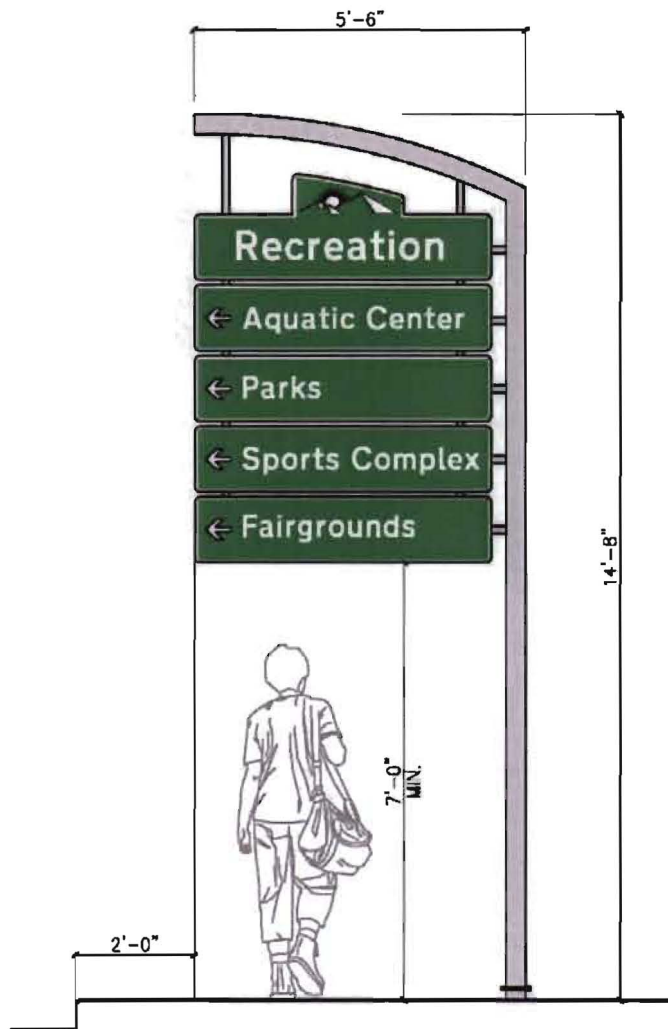
Appendix

APPENDIX

Other Sign Examples and Considerations

Four Destination District Directional Sign

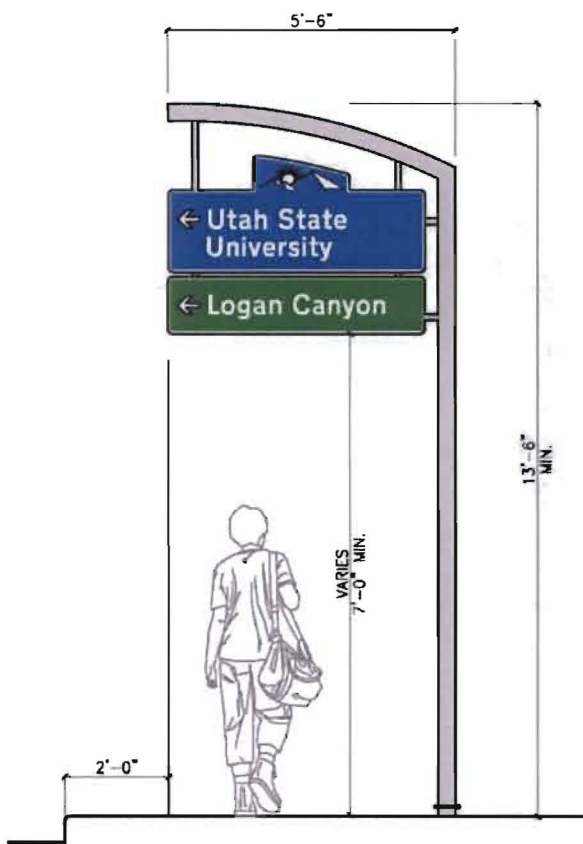
Below is an example of a directional sign that includes four destinations. As illustrated, in order to maintain the 7' minimum clearance (required on all UDOT-owned roads) between the bottom of the last panel and the ground plane, the overall sign height will need to be taller (14'-8" versus the 13'-6" of the typical directional sign).



Example of a District Directional Sign (D) with 4 destinations

Directional Sign Options for Non-District Areas

In areas outside of the defined, color-coded districts, there are two options available. Option 1 is to have no area identification sign at top. If this option is used, it is recommended that the overall height of the sign remain consistent (13' 6") with signs throughout the City, even though the area underneath the sign may vary. (Note: If the sign is located on a UDOT-owned road or in an area of pedestrian traffic, the area between the bottom panel and the ground plane should be no less than 7'.) Option 2 includes a City identification panel at the top of the sign. The advantage of including this panel is that Directional Signs placed throughout the City (in district and non-district areas) will maintain the same look and feel.



District Directional Sign (D) with no district identification panel



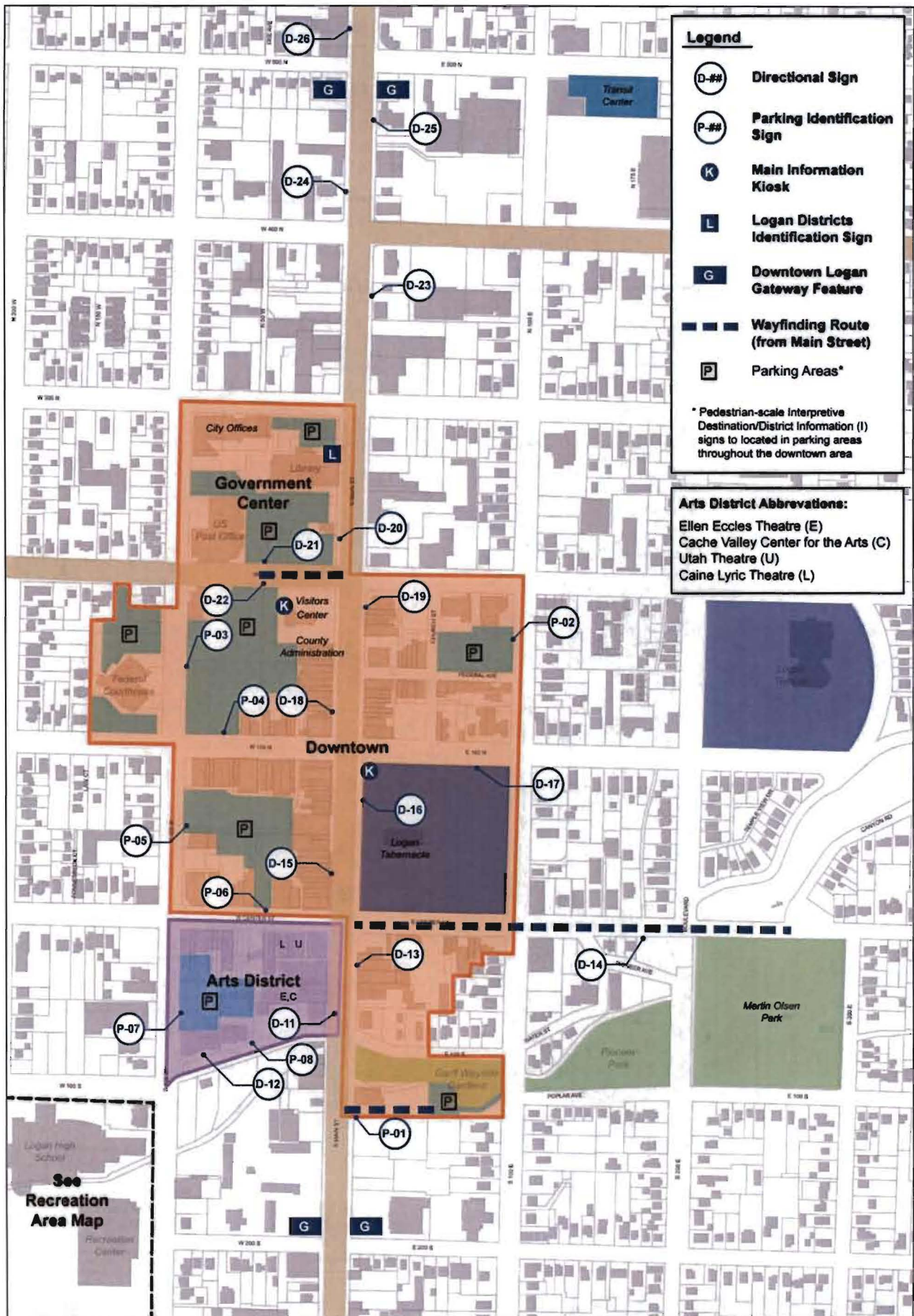
District Directional Sign (D) with a City identification panel

Public Parking in Multiple Directions

In the Downtown Area, there are several situations where public parking is located on both sides of the street (see Message Schedule, pg. 14-17). It is recommended that one of the following options be chosen and used throughout the Wayfinding System.

- Option 1 
- Option 2 
- Option 3 

Options for situations where Public Parking areas occur on both sides of a major street



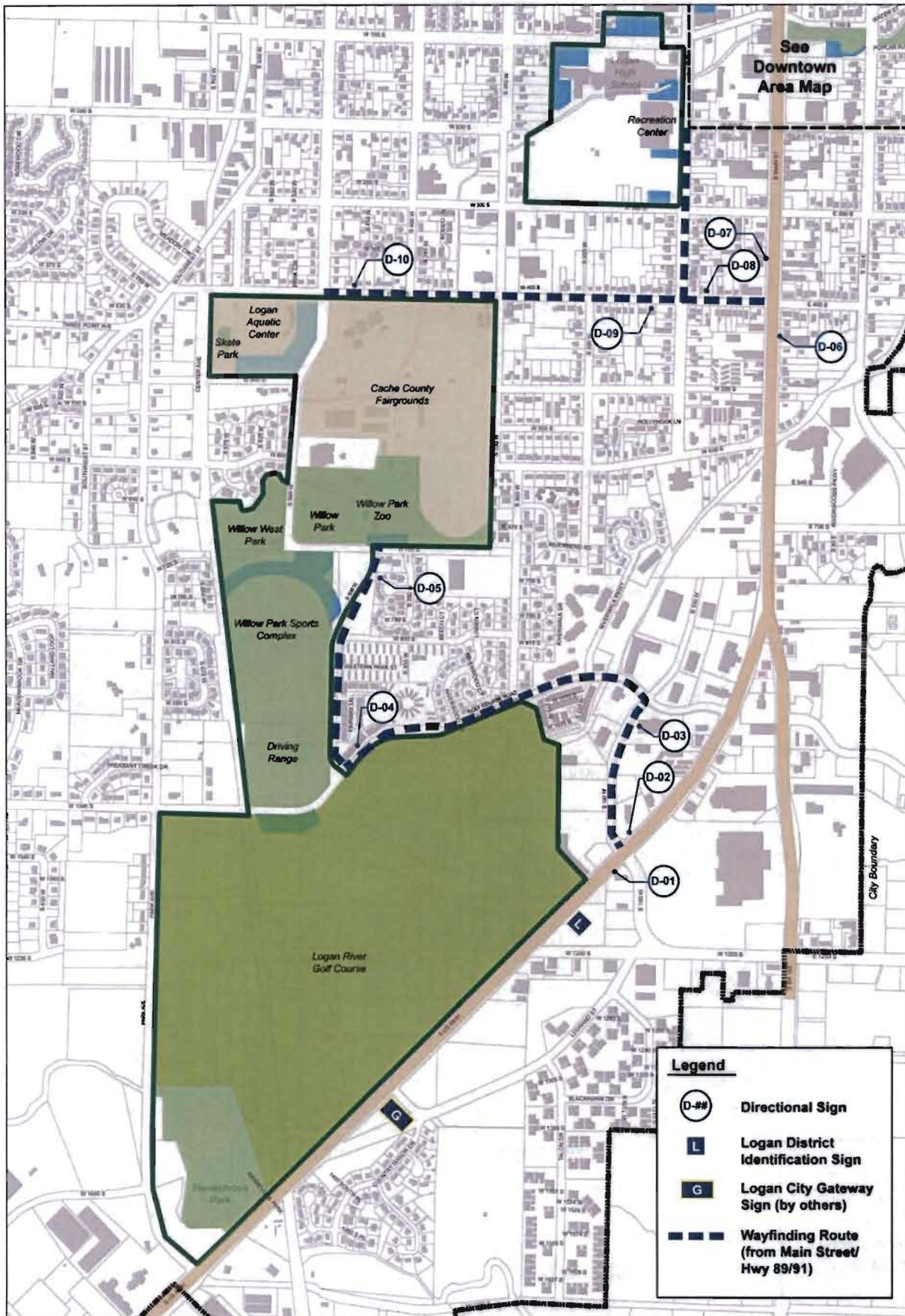
Downtown Area



Includes: Arts District
 Downtown District

***NOTE - Exact sign locations to be determined in the field**

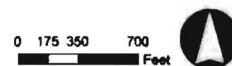
Logan Wayfinding System
 Logan, Utah



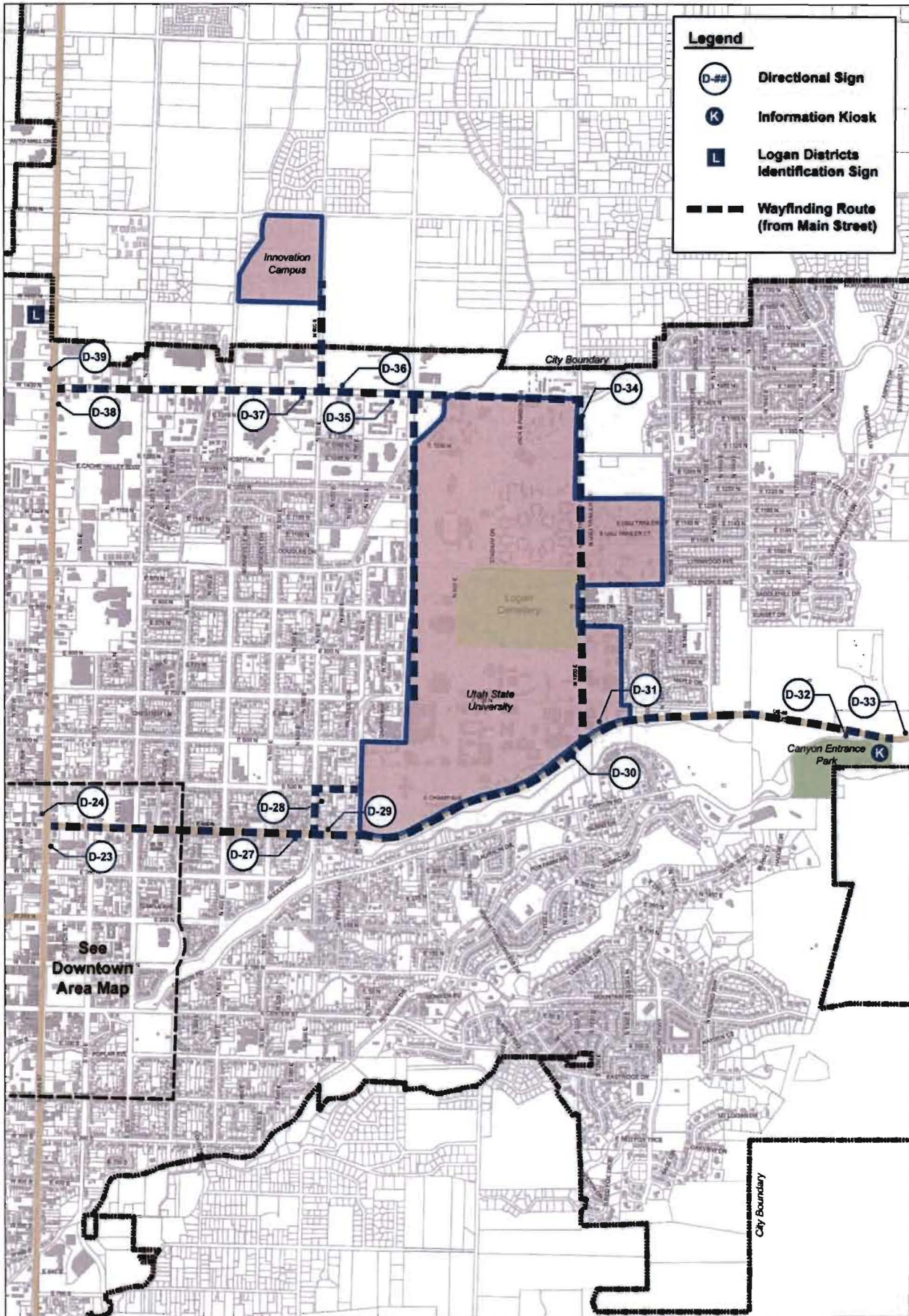
Recreation Area

Includes: Recreation District

***NOTE - Exact sign locations to be determined in the field**



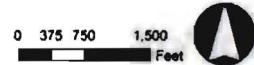
Logan Wayfinding System
Logan, Utah



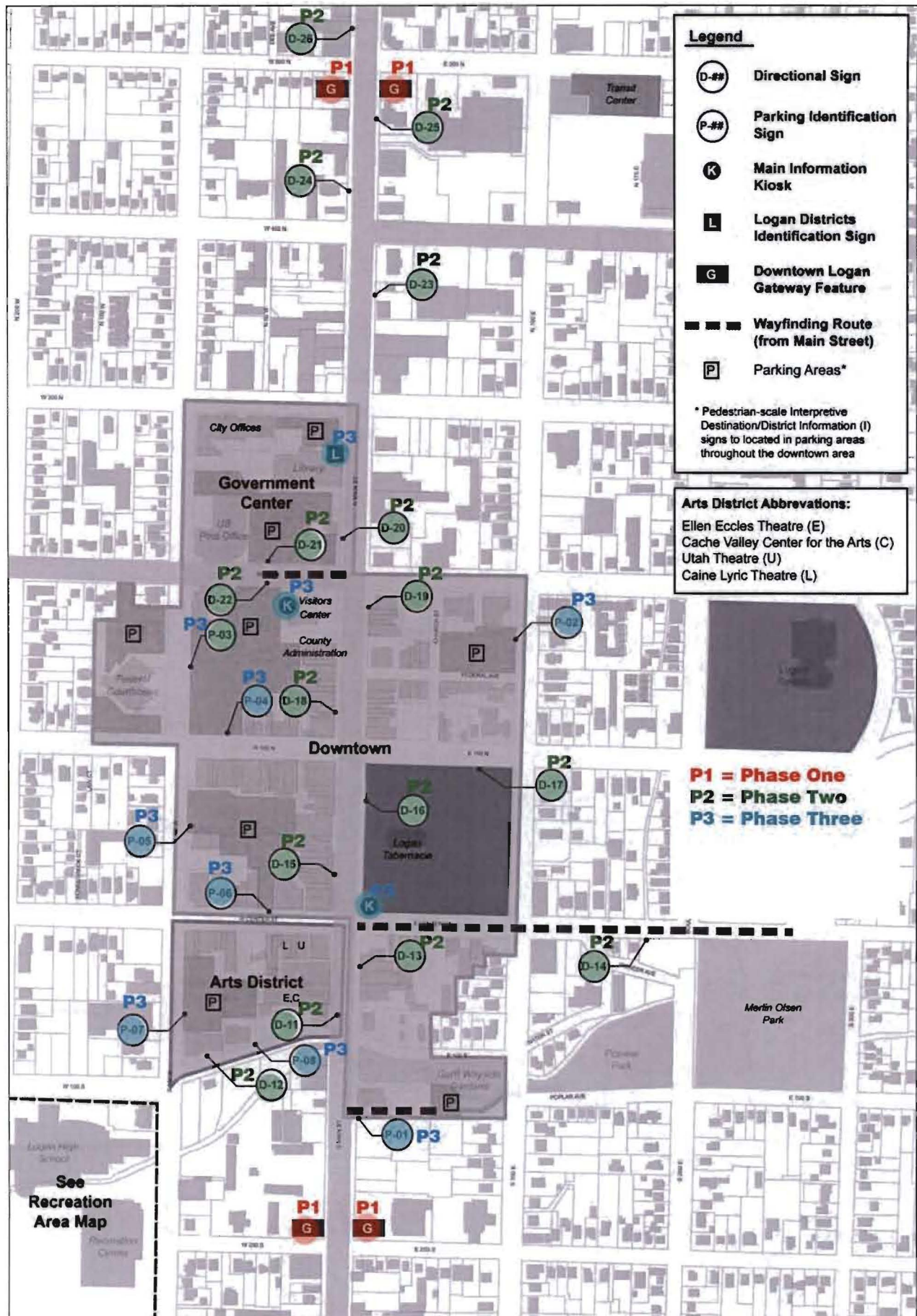
University Area

Includes: University District

***NOTE - Exact sign locations to be determined in the field**



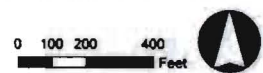
Logan Wayfinding System
Logan, Utah



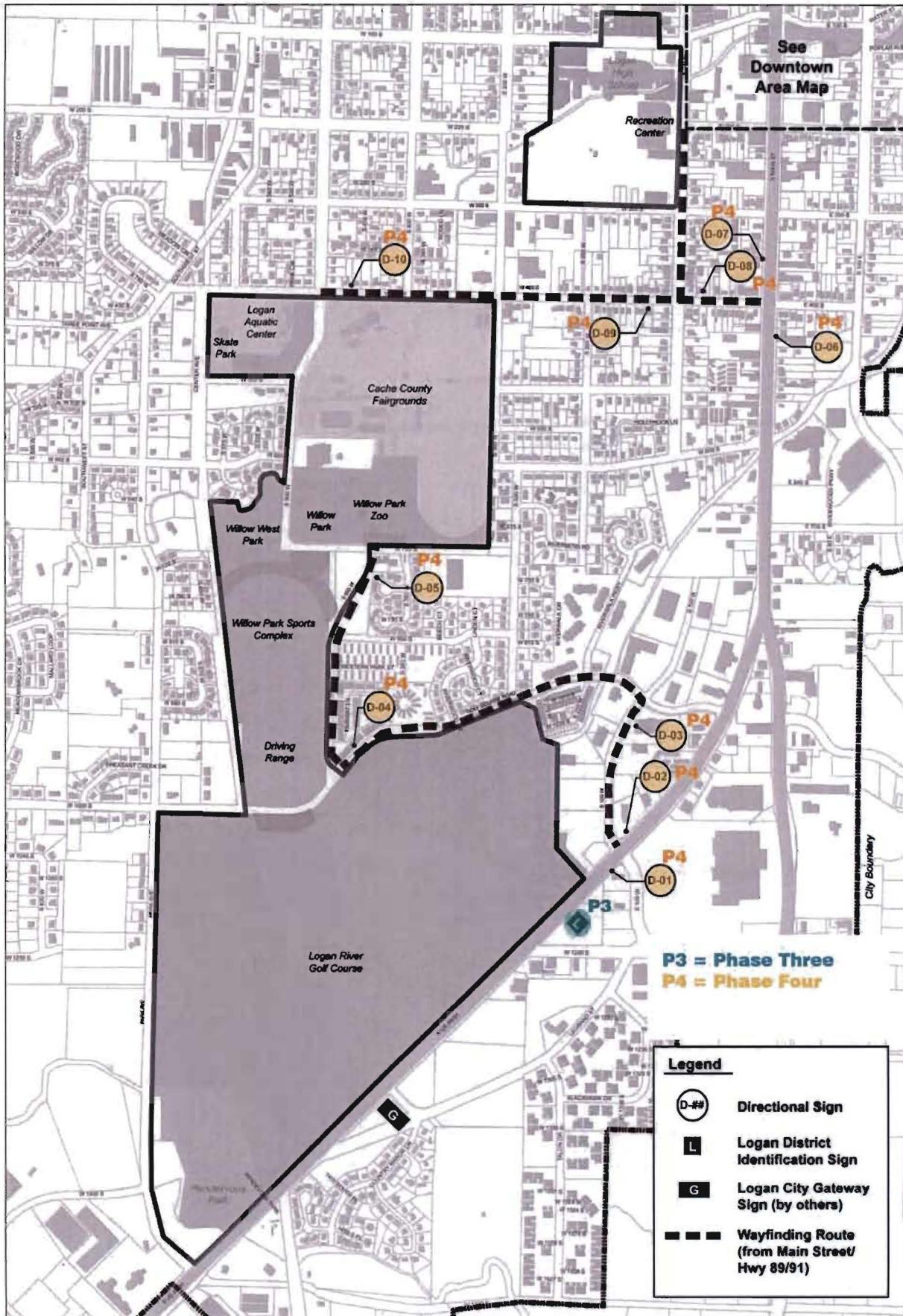
Downtown Area

Includes: Arts District
Downtown District

***NOTE - Exact sign locations to be determined in**



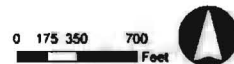
Logan Wayfinding System
Logan, Utah



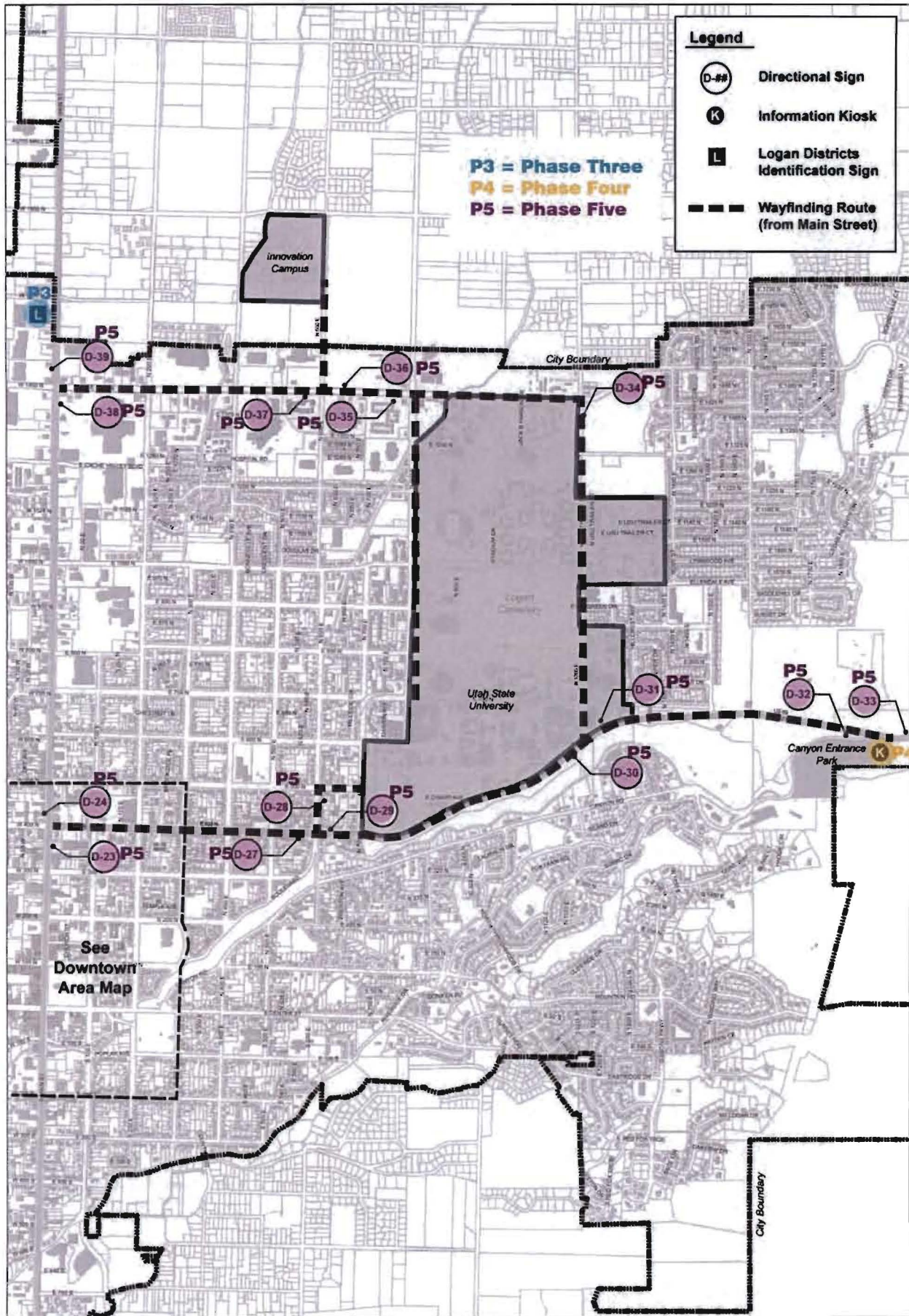
Recreation Area

Includes: Recreation District

***NOTE - Exact sign locations to be determined in the field**



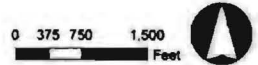
Logan Wayfinding System
Logan, Utah



University Area

Includes: University District

***NOTE - Exact sign locations to be determined in the field**



Logan Wayfinding System

Logan, Utah