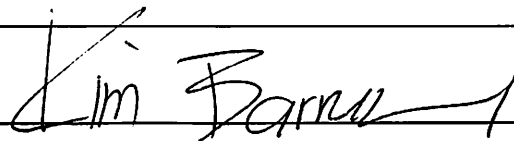


Mayor's Office: Council Agenda Item Request Form
*This form and supporting documents (if applicable) are due the Wednesday
before the COW meeting by noon.*

Date Received (office use)	
--------------------------------------	--

Date of Request	03/14/18
Requesting Staff Member	Megan Hillyard
Requested Council Date	03/21/18
Topic/Discussion Title	Salt Lake County Signage Discussion
Description	Council has requested an inventory of signage throughout Salt Lake County Facilities. Facilities Management would like to report back on this request.
Requested Action¹	Informational
Presenter(s)	Megan Hillyard and Rory Payne
Time Needed²	<5
Time Sensitive³	No
Specific Time(s)⁴	
Please attach the supporting documentation you plan to provide for the packets to this form. While not ideal, if supporting documents are not yet ready, you can still submit them by 10 am the Friday morning prior to the COW agenda. Items without documentation may be taken off for consideration at that COW meeting.	

Mayor or Designee approval: _____

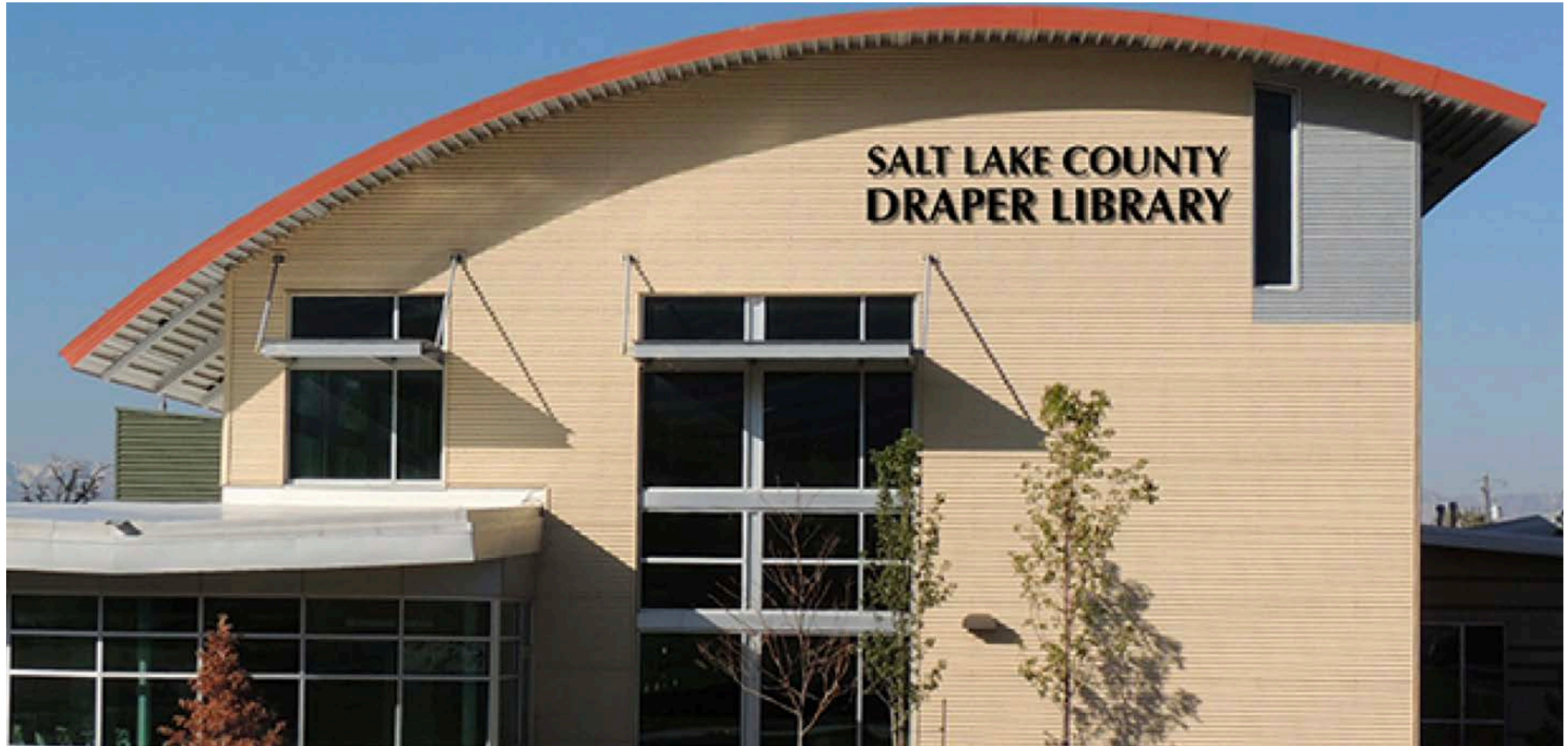


¹ What you will ask the Council to do (e.g., discussion only, appropriate money, adopt policy/ordinance) – in specific terms.

² Assumed to be 10 minutes unless otherwise specified.

³ Urgency that the topic to scheduled on the requested date.

⁴ If important to schedule at a specific time, list a few preferred times.







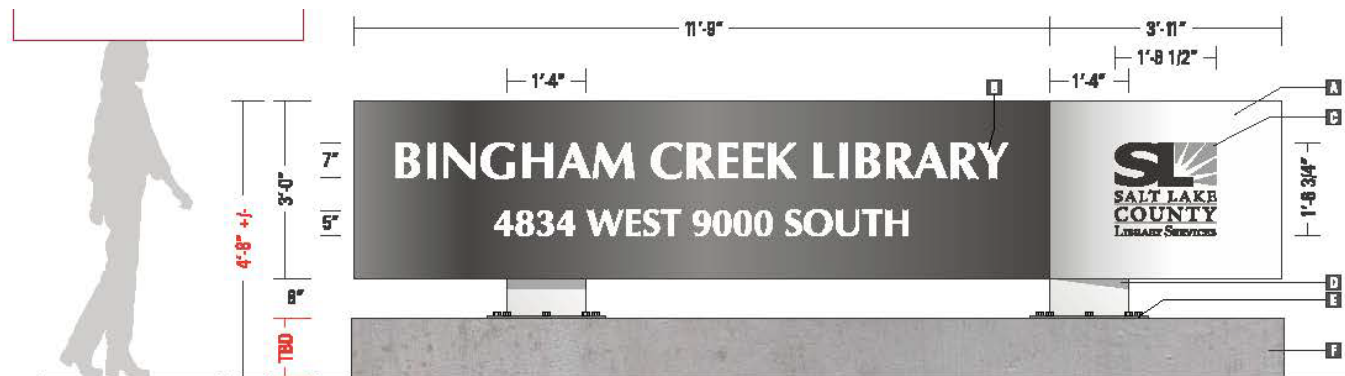












1 SINGLE FACE MONUMENT DISPLAY SCALE: 3/8" = 1'-0"
QUANTITY: 1 MANUFACTURE & INSTALL

C	LOGO	MATERIAL TYPE	ALUMINUM CUT-OUT
		THICKNESS	1/8"
		PAINT COLOR	P1, P2, SEE COLOR KEY
		ILLUMINATION	COVE WITH LED, WHITE
D	POLE COVERS	MATERIAL	ALUMINUM
		PAINT COLOR	P2, SEE COLOR KEY
		FINISH	SATIN
E	MOUNTING PLATES	TYPE	STEEL PLATES WITH BOLTS, SIZES AS PER ENGINEERING.
		PAINT COLOR	P2, SEE COLOR KEY
		FINISH	SATIN
F	BASE	TYPE	EXISTING
		MATERIAL	CONCRETE

COLOR KEY

P1	PAINT	SW E2 2290 DARK GREY METALLIC
P2	PAINT	SW E6 4226 SILVER METALLIC
P3	PAINT	SW E2 3080 WARM GREY METALLIC

NOTE: UNLESS OTHERWISE NOTED, THE COLOR DEPICTED ON THIS RENDERING MAY NOT MATCH ACTUAL COLORS ON FINISHED COMPLEX. PLEASE REFER TO COLOR SAMPLES AND THEN APPROPRIATE VENDOR SPECIFICATIONS FOR APPROVED COLOR SPECIFICATIONS.

THESE SPECIFICATIONS ARE THE PROPERTY OF JACOBI & JACOBI, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

• JACOBI & JACOBI, INC.
4800 W. 9000 S.
WEST JORDAN, UT 84086
WWW.JACOBI.COM

CLIENT:
STALLARD CONSTRUCTION
35 SOUTH LIBRARY BLVD. WEST JORDAN, UT 84086

ADDRESS:
4834 W. 9000 S.
WEST JORDAN, UT

DATE / REVISED BY:
JANUARY 2012 / JUSTIN GIBBS

DESIGNED BY:
GLENN BECHTOLD

ISSUED DATE:
9.10.2012

DESIGNED BY:
GLENN BECHTOLD

Client Signature / Date: _____

Landmark Signature / Date: _____

ELECTRICAL NOTE:
NOTE: UNLESS OTHERWISE NOTED, ELECTRICAL SHALL BE PER ALL ELECTRICAL CODES AND ALL ELECTRICAL COMPONENTS SHALL BE APPROVED BY THE ELECTRICAL ENGINEER. ALL ELECTRICAL COMPONENTS SHALL BE APPROVED BY THE ELECTRICAL ENGINEER. ALL ELECTRICAL COMPONENTS SHALL BE APPROVED BY THE ELECTRICAL ENGINEER.

VOLTS: _____ AMP: _____

NO. OF WIRE: _____

WIRE SIZE: _____

WIRE TYPE: _____

WIRE COLOR: _____

WIRE LENGTH: _____

WIRE WEIGHT: _____

WIRE PRICE: _____

WIRE TOTAL: _____

WIRE TOTAL: 43577 R2

PAGE: 2 OF 4

EXISTING CABINET AND METAL REVEAL TO BE DISCARDED



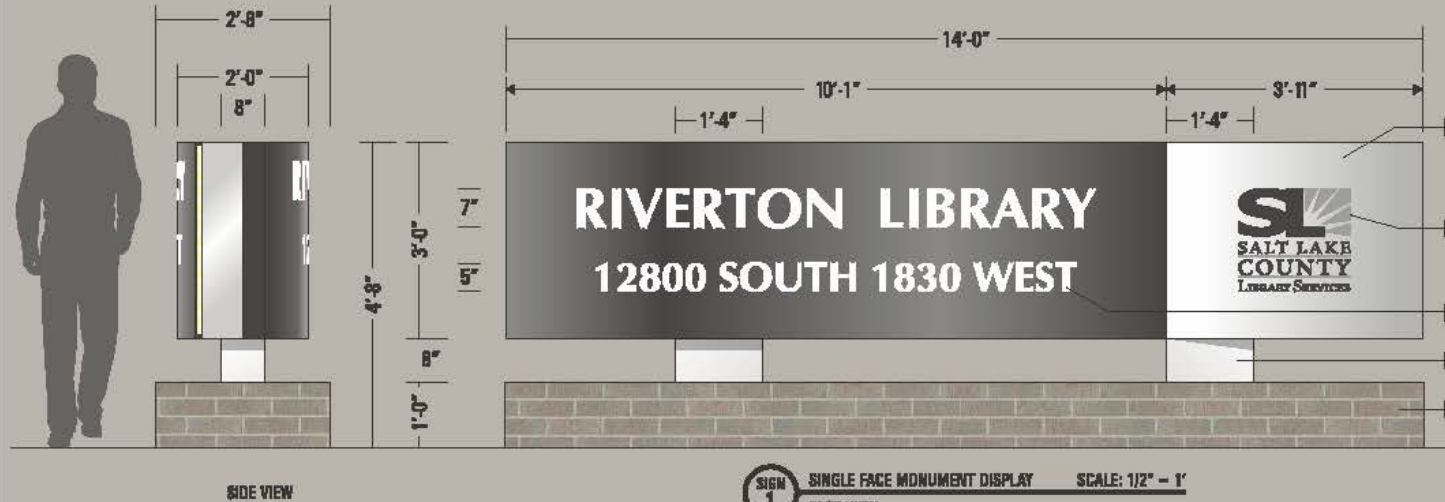
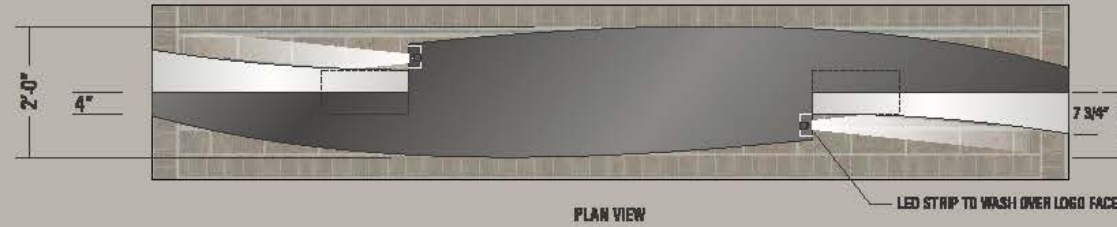
ART SUPERIMPOSED ON PHOTO - SHOWN AT APPROXIMATE RELATIVE SCALE



CONCEPTUAL VIEW AT NIGHT TIME



**Riverton
Monument Sign
\$ 20,448.00**



GENERAL NOTES:

ESTIMATING	MANUFACTURE AND INSTALL ONE (1) DOUBLE FACE, INTERNALLY-ILLUMINATED MONUMENT DISPLAY.
INSTALL	INSTALL WITH DIRECT BURIAL EMBEDMENT.
RFI	DETERMINE EXACT LOCATION BEFORE PRODUCTION.

SIGN SPECS.

A CABINET	MATERIAL	ALUMINUM
	PAINT COLOR	P1, P2, SEE COLOR KEY
	FINISH	SATIN
FACE	MATERIAL/TYPE	ALUMINUM ROUTED OUT
	TYPE	ACRYLIC PUSH THROUGH FLUSH
	ILLUMINATION	L.E.D. WHITE
B COPY	ILLUMINATION	L.E.D. WHITE
C LOGO	MATERIAL/TYPE	ALUMINUM CUT-OUT
	THICKNESS	1/8"
	PAINT COLOR	P1, P2, SEE COLOR KEY
	FINISH	SATIN
D POLE COVERS	MATERIAL	ALUMINUM
	PAINT COLOR	P2, SEE COLOR KEY
	FINISH	SATIN
E BASE	MATERIAL	BRICK MASONRY
	STYLE	TO MATCH LIBRARY BUILDING

COLOR KEY

P1	PAINT	6W EZ 2200 DARK GREY METALLIC
P2	PAINT	6W ES 4225 SILVER METALLIC
P3	PAINT	6W EZ 3080 WARM GREY METALLIC

NOTE: UNLESS OTHERWISE NOTED, THE COLOR SPECIFIED ON THIS MONUMENT SIGN MAY NOT MATCH ACTUAL COLORS ON FINISHED DISPLAY. PLEASE REFER TO COLOR CALLOUTS AND THEIR APPROPRIATE MEMBER SPECIFIED SAMPLES FOR APPROVED COLOR SPECIFICATIONS.

RIVERTON LIBRARY
12800 SOUTH 1830 WEST



CONCEPTUAL VIEW AT NIGHT TIME SHOWING ILLUMINATION

YESCO.
Salt Lake City

1606 South Cemetery Road
Salt Lake City, UT 84144
801-487-9481

This drawing was created in accordance with the standards and specifications of YESCO. YESCO is not responsible for any errors or omissions. The client is responsible for the accuracy of the information provided.

DESIGNED BY YESCO LLC
All rights reserved.

CLIENT: STALLINS CONSTRUCTION
SALT LAKE COUNTY LIBRARY - RIVERTON

ADDRESS: 12877 S 1830 W

CITY / STATE / ZIP: RIVERTON, UT

ACCOUNT MANAGER: DAVE WALLACE

DESIGNED BY: Gary B.

DATE: 04-2012

Scale: 1/2" = 1'

I have created this drawing and find the following data acceptable:
() Copy and paste right
() Information () Color
() Dimensions
*The colors specified in this drawing are representative only. Please contact your Account Executive for exact color numbers.

Client Signature / Date

Local Sign / Date

DATE	DATE	DATE
12/1/2011	12/1/2011	12/1/2011
12/1/2011	12/1/2011	12/1/2011

ELECTRICAL REQUIREMENTS

80°C (176°F) MAXIMUM

ALL CONCRETE WORK SHALL BE REINFORCED AND PROTECTED FROM WEATHER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

BASES SHALL BE 1" THICK AND 1" DIA. OR LARGER.

Whitmore Monument Sign \$ 15,800.00



GENERAL NOTES:

ESTIMATING	MANUFACTURE AND INSTALL ONE (1) DOUBLE FACE, INTERNALLY-ILLUMINATED MONUMENT DISPLAY.
INSTALL	CUSTOMER TO REMOVE AND DISCARD EXISTING SIGN AND BRICK BASE. YESCO TO MOUNT NEW DISPLAY ON TOP OF EXISTING CONCRETE PAD.
NOTES	ENGINEER TO DETERMINE IF PAD IS SUITABLE FOR NEW SIGN. SURVEY REQUIRED.

SIGN SPECS.

A CABINET	MATERIAL	ALUMINUM
	PAINT COLOR	P1, P2, SEE COLOR KEY
	FINISH	SATIN
FACE	MATERIAL/TYPE	ALUMINUM ROUTED CUT
	TYPE	ACRYLIC PUSH THROUGH FLUSH
B COPY	ILLUMINATION	L.E.D. WHITE
C LOGO	MATERIAL/TYPE	ALUMINUM CUT-OUT
	THICKNESS	1/8"
	PAINT COLOR	P1, P2, SEE COLOR KEY
	FINISH	SATIN
	ILLUMINATION	EDGE WITH L.E.D. WHITE
D POLE COVERS	MATERIAL	ALUMINUM
	PAINT COLOR	P2, SEE COLOR KEY
	FINISH	SATIN
E MOUNTING PLATES	TYPE	STEEL PLATES WITH BOLTS, SIZES AS PER ENGINEERING.
F PAD	TYPE	EXISTING
	MATERIAL	CONCRETE

COLOR KEY

P1	PAINT	6W EZ 2200 DARK GREY METALLIC
P2	PAINT	6W EZ 4225 SILVER METALLIC
P3	PAINT	6W EZ 3040 WARM GREY METALLIC

NOTE: UNLESS OTHERWISE NOTED, THE COLOR DISPLAYED ON THIS MONUMENT SIGN IS BY HATCH ACTUAL. COLORS ON FINISHED DISPLAY PLEASE REFER TO COLOR GALLONS AND THEIR APPROPRIATE MICHIGAN SPECIFIED SAMPLES FOR APPROVED COLOR SPECIFICATIONS.

YESCO.

Salt Lake City

1626 South Canyon Road
Salt Lake City, UT 84144
801-487-9401

This drawing was created in accordance with the standards and specifications of YESCO. The customer is responsible for the accuracy of the information provided. YESCO is not responsible for the accuracy of the information provided.

DESIGN BY YESCO LLC
All rights reserved.

CLIENT: STALLINS CONSTRUCTION
SALT LAKE COUNTY LIBRARY - WHITMORE
ADDRESS: 2197 FORT UNION BLVD. (3000 S)

CITY / STATE / ZIP: SLC, UT

ACCOUNT MANAGER: DAVE WALLACE

DESIGNER: Gary B.

DATE: 8-10-2012

Customer Approval:

I have read the above drawing and find the following details acceptable:
() Copy and Lettering
() Materials
() Colors
() Dimensions
*The colors displayed in this drawing are representative only. Please contact your Account Executive for exact color numbers.

Client Signature / Date

Local Signage / Date

DATE	DATE	DATE
1	2	3
4	5	6
7	8	9
10	11	12

ELECTRICAL REQUIREMENTS

80°C LAMP	REQUIRE
()	()

*ALL CONCRETE BASES MUST BE REINFORCED AND HAVE A MINIMUM 12" DIA.

BASES SHALL:

() 1" DIA. OPENING	() 1" DIA. G
() 1" DIA. OPENING	() 1" DIA. G
() 1" DIA. OPENING	() 1" DIA. G

UNLESS OTHERWISE NOTED, ALL FINISHES SHALL BE AS SHOWN ON THE DRAWING.

REVISIONS

REVISION 1	DATE / DESCRIPTION
REVISION 2	DATE / DESCRIPTION
REVISION 3	DATE / DESCRIPTION
REVISION 4	DATE / DESCRIPTION
REVISION 5	DATE / DESCRIPTION

43578

1 of 5



EXISTING SIGN TO BE REMOVED AND DISCARDED



CONCEPTUAL VIEW AT NIGHT TIME SHOWING ILLUMINATION



CONCEPTUAL VIEW

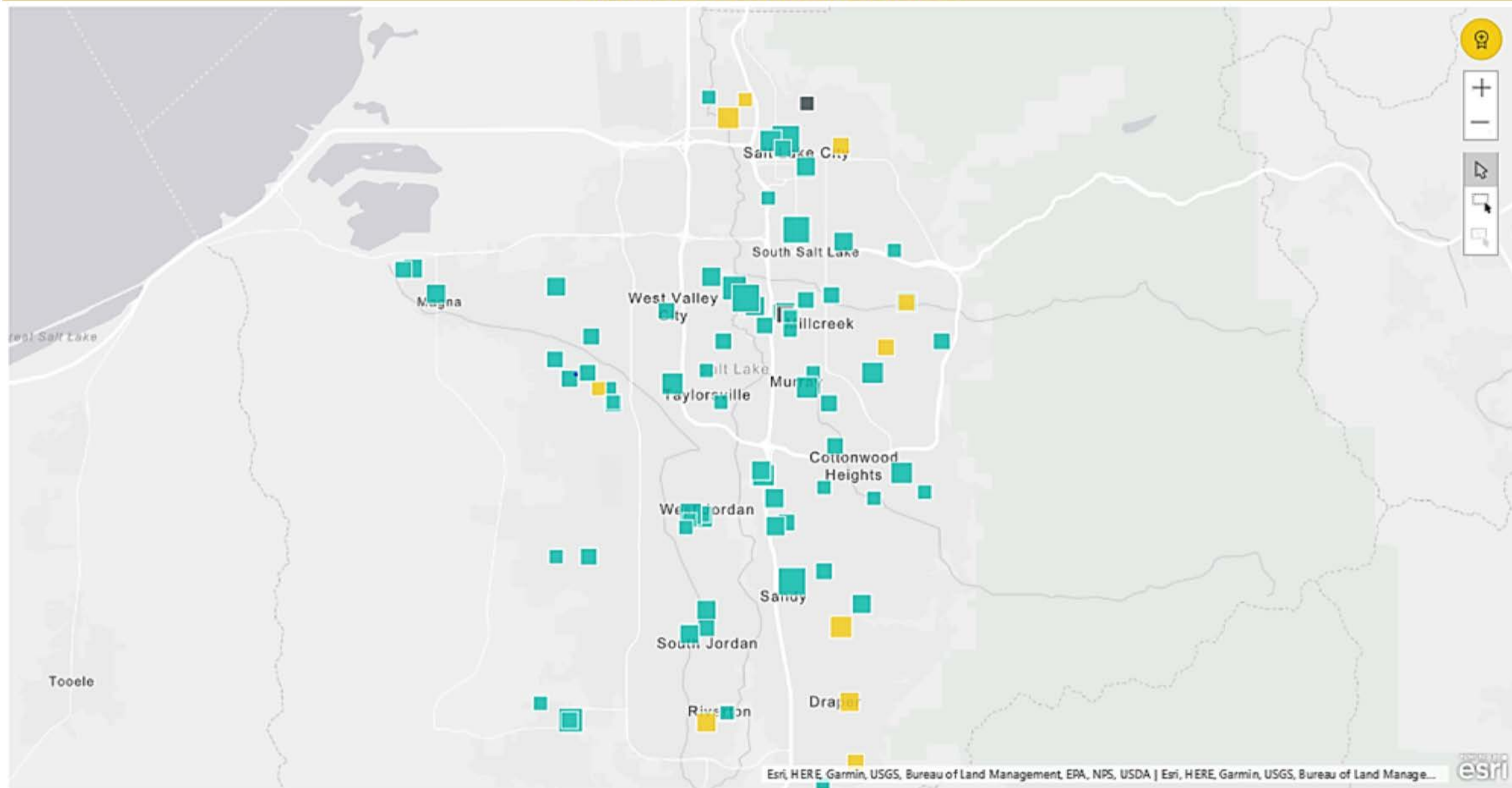
SALT LAKE COUNTY SIGNAGE UPDATE

[View in Power BI](#) ↗

Last data refresh:
3/25/2018 5:23:58 PM Mountain
Standard Time
Downloaded at:
3/25/2018 5:25:42 PM Mountain
Standard Time



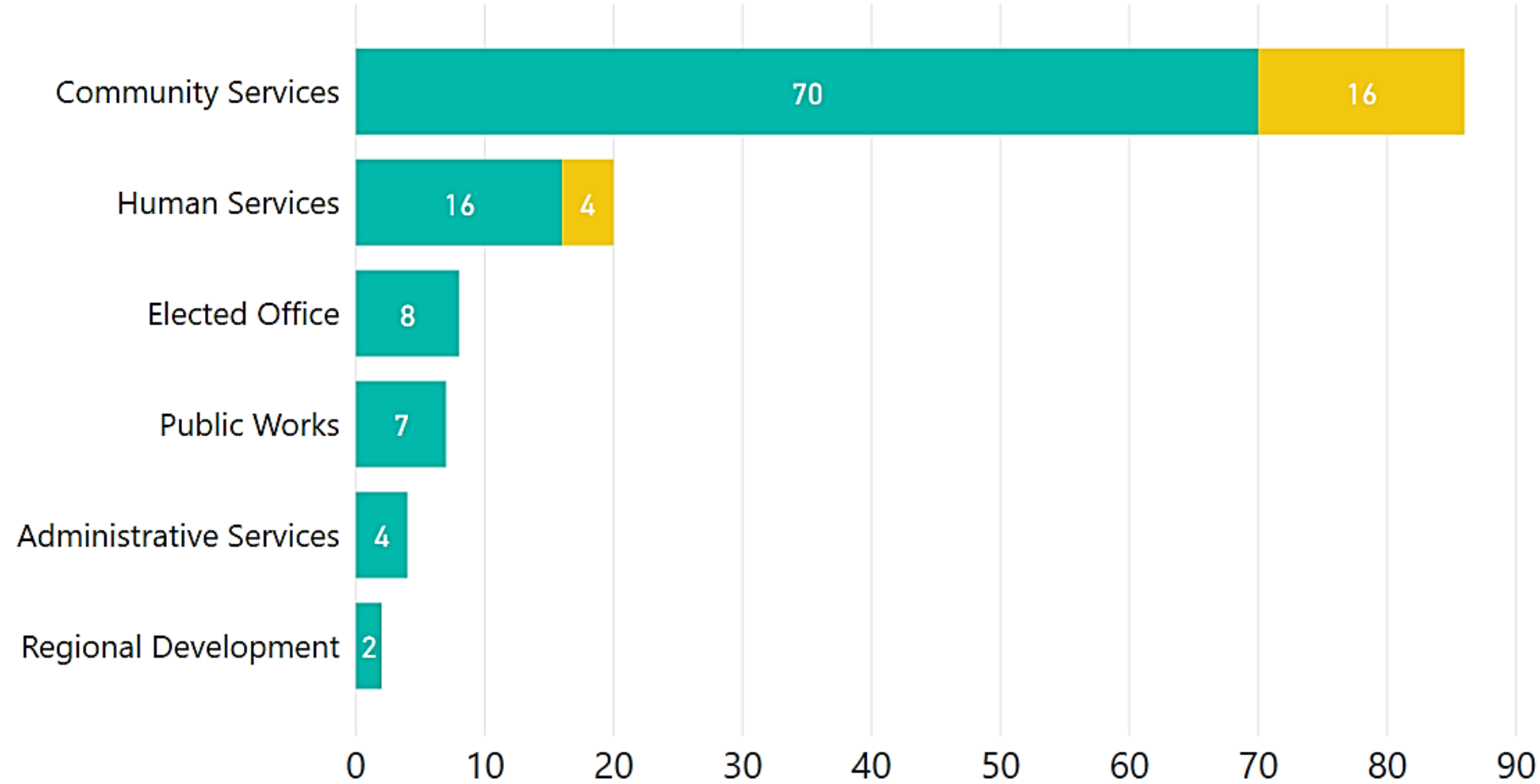
SALT LAKE COUNTY FACILITIES LOCATION



SALT LAKE COUNTY FACILITIES

SIGNAGE STATUS

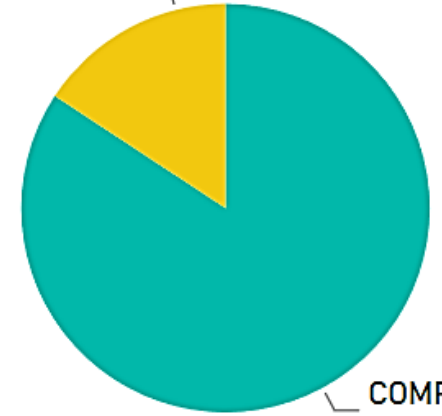
LEGEND ● COMPLETE ● PENDING



127

NO. OF FACILITIES

PENDING 15.75%



COMPLETE
84.25%

DEPARTMENT

- ☐ (Blank)
- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Administrative Services

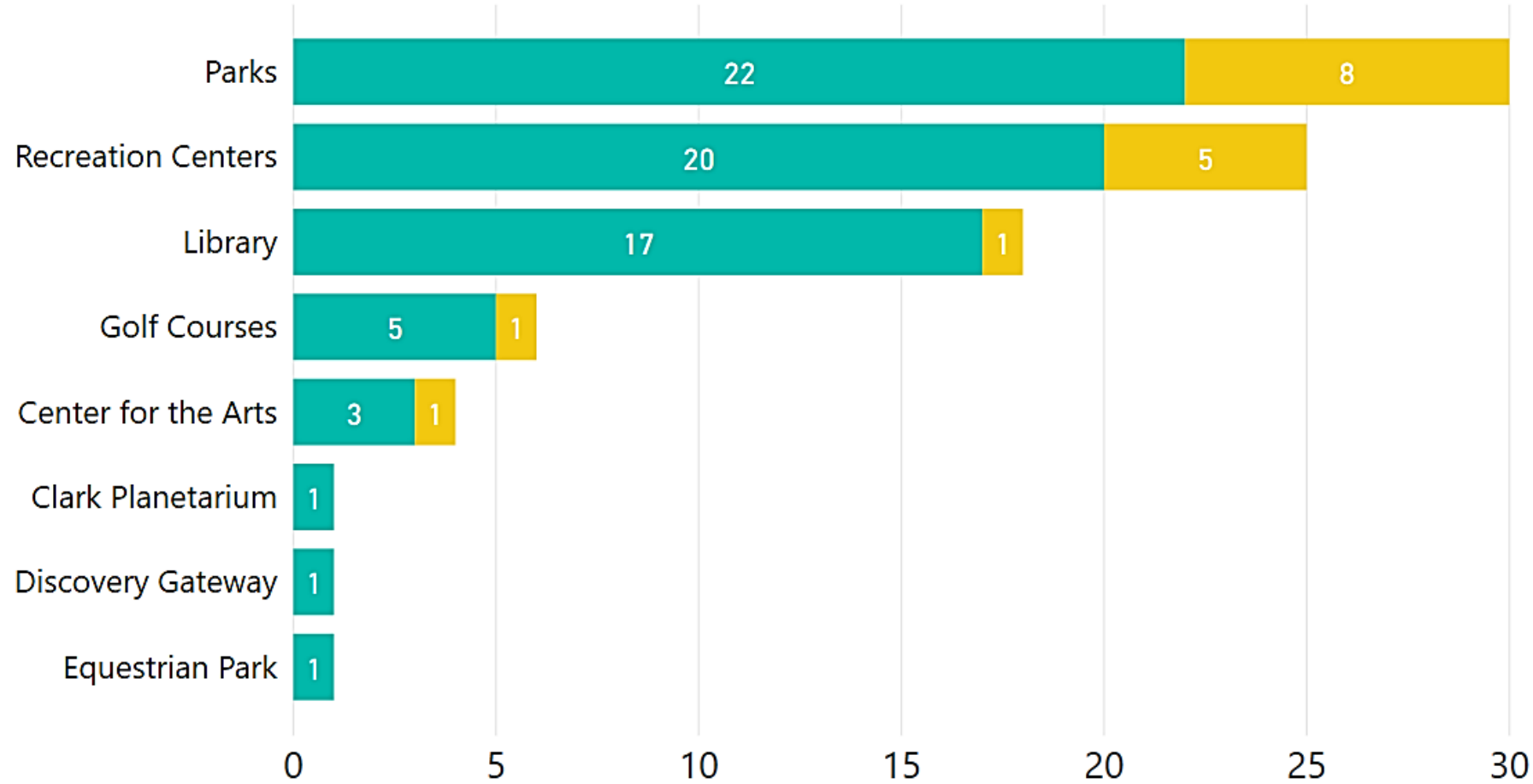
DEPARTMENT

Community Services

SALT LAKE COUNTY FACILITIES

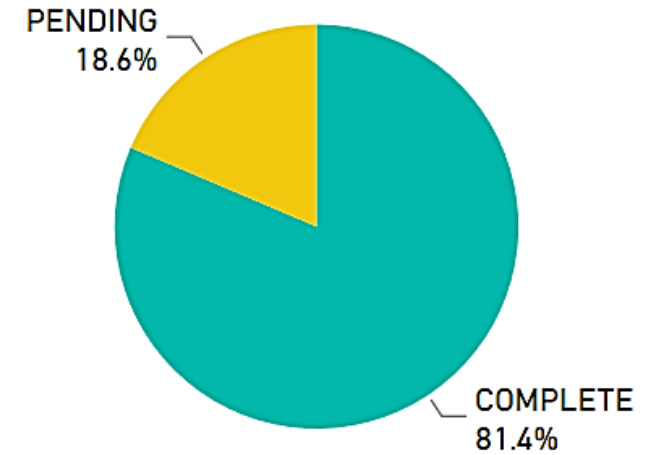
SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING



86

NO. OF FACILITIES



DEPARTMENT

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- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

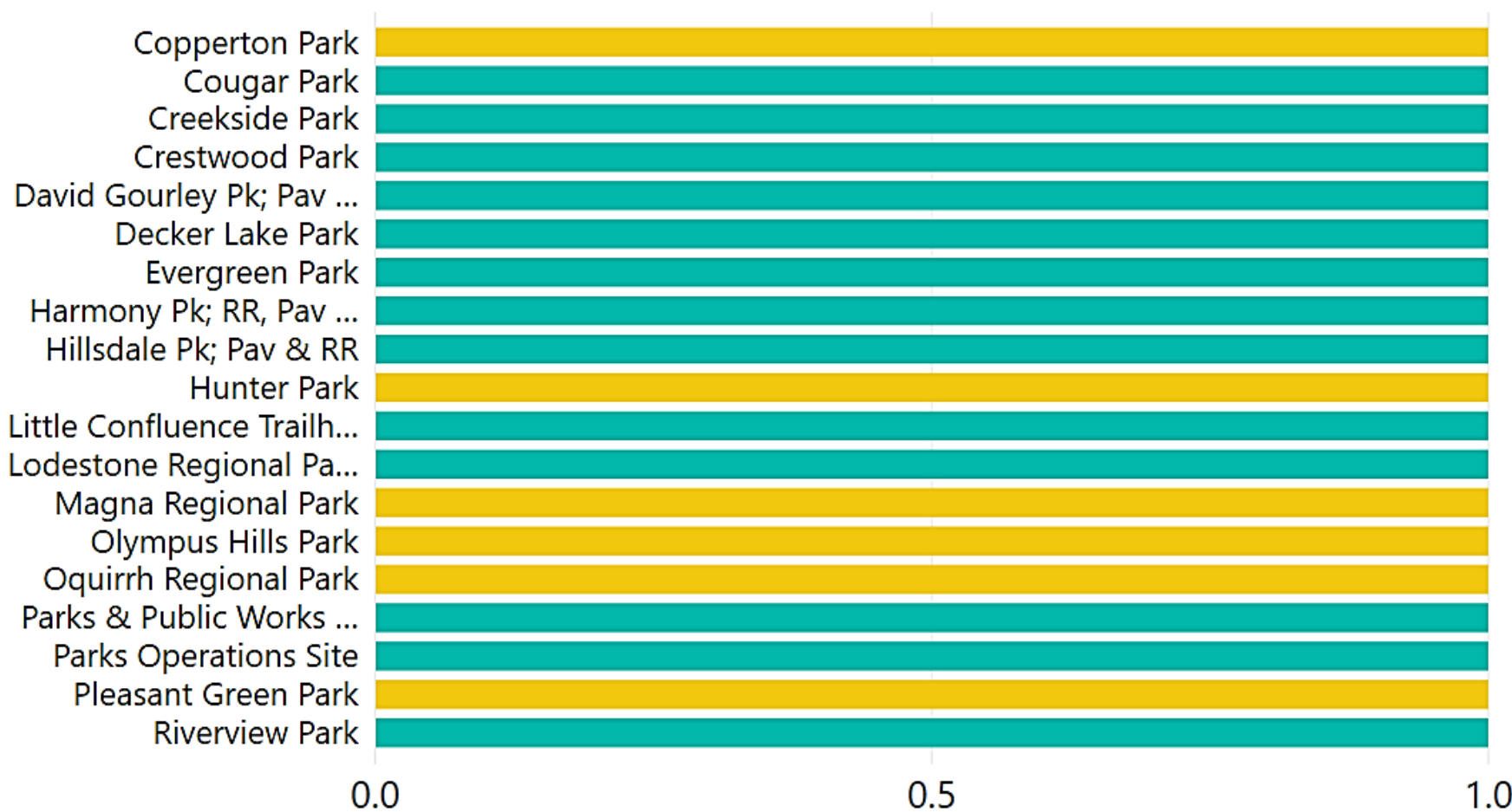
Community Services

DEPARTMENT

SALT LAKE COUNTY FACILITIES

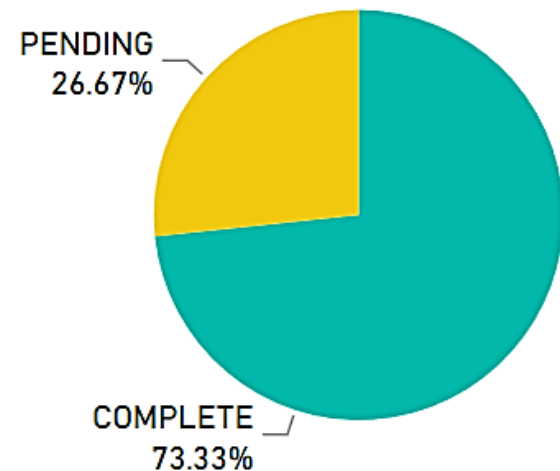
SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING



30

NO. OF FACILITIES



DEPARTMENT

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- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

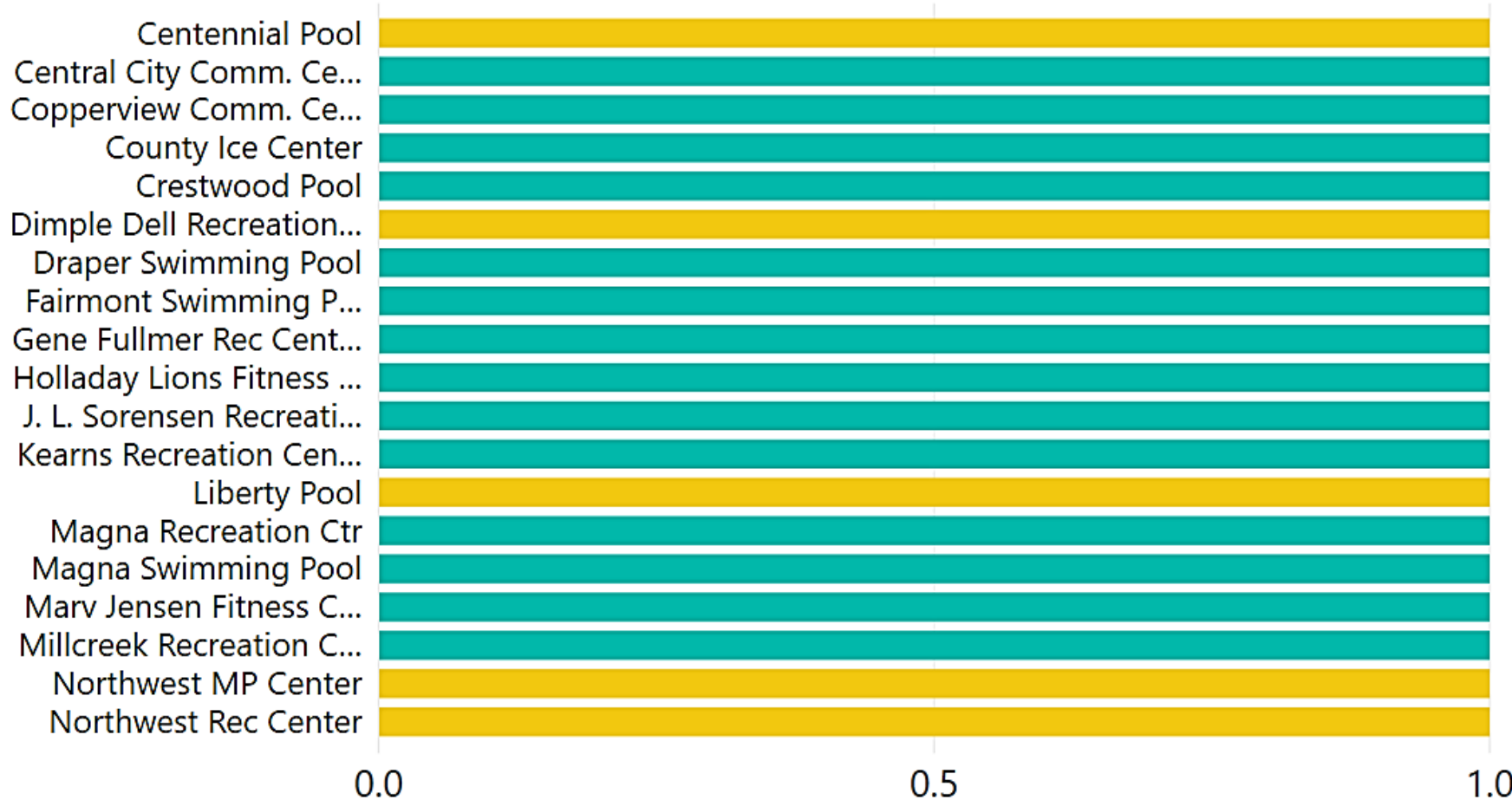
Community Services

DEPARTMENT

SALT LAKE COUNTY FACILITIES

SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING

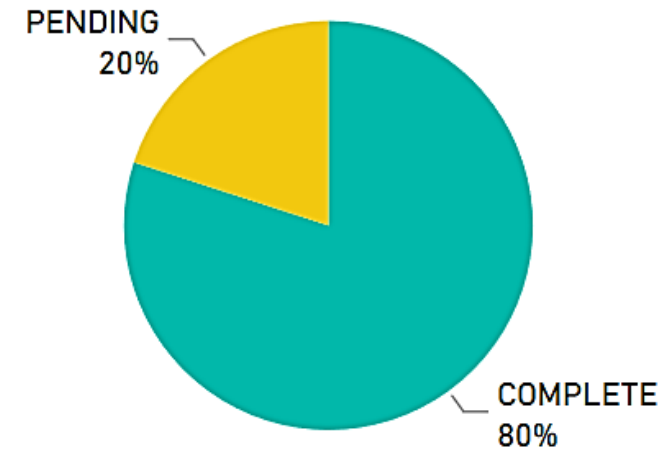


Community Services

DEPARTMENT

25

NO. OF FACILITIES



DEPARTMENT

- ☐ (Blank)
- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

SALT LAKE COUNTY FACILITIES

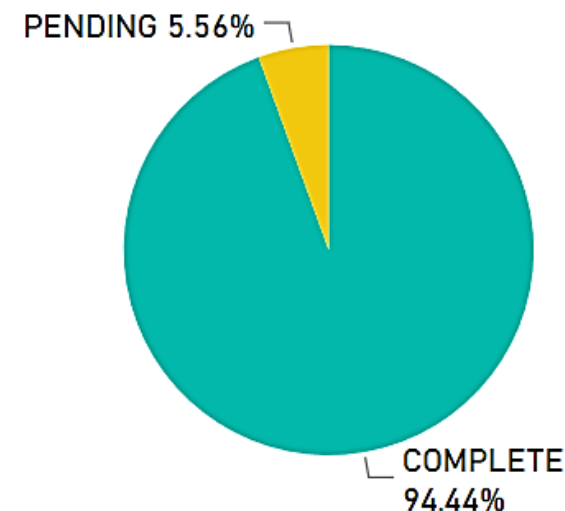
SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING



18

NO. OF FACILITIES



DEPARTMENT

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- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

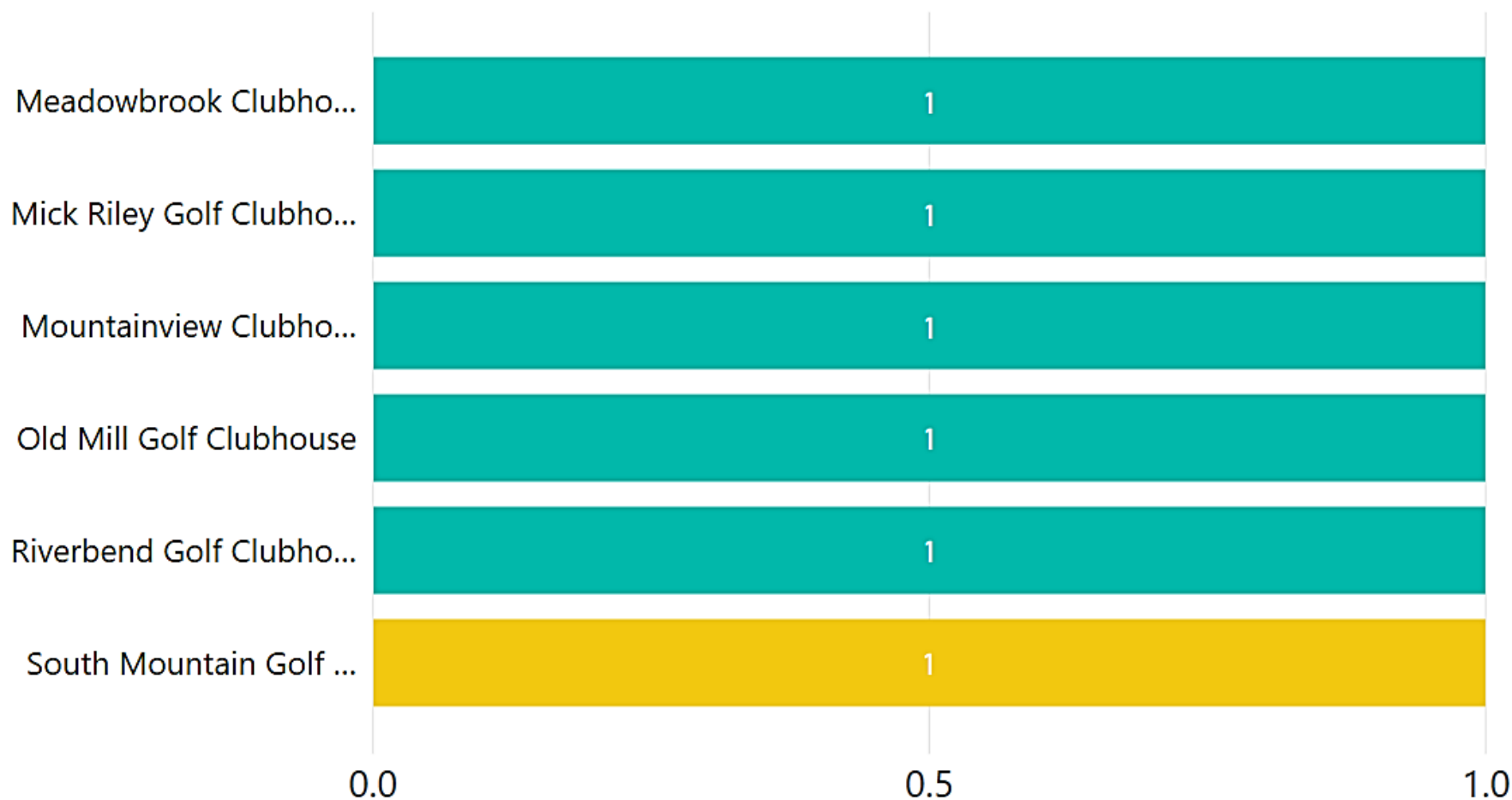
Community Services

DEPARTMENT

SALT LAKE COUNTY FACILITIES

SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING

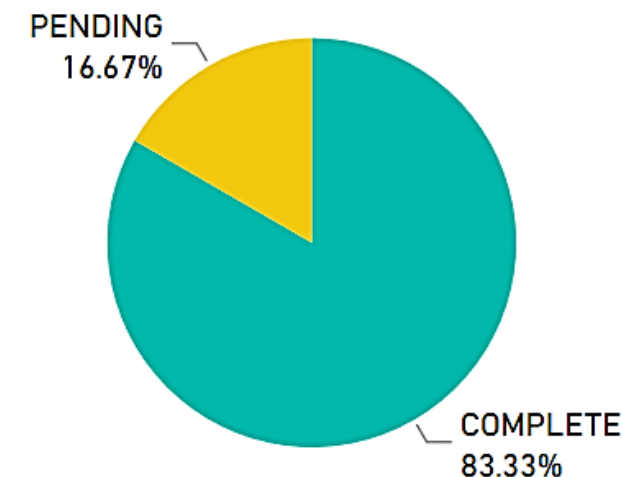


Community Services

DEPARTMENT

6

NO. OF FACILITIES



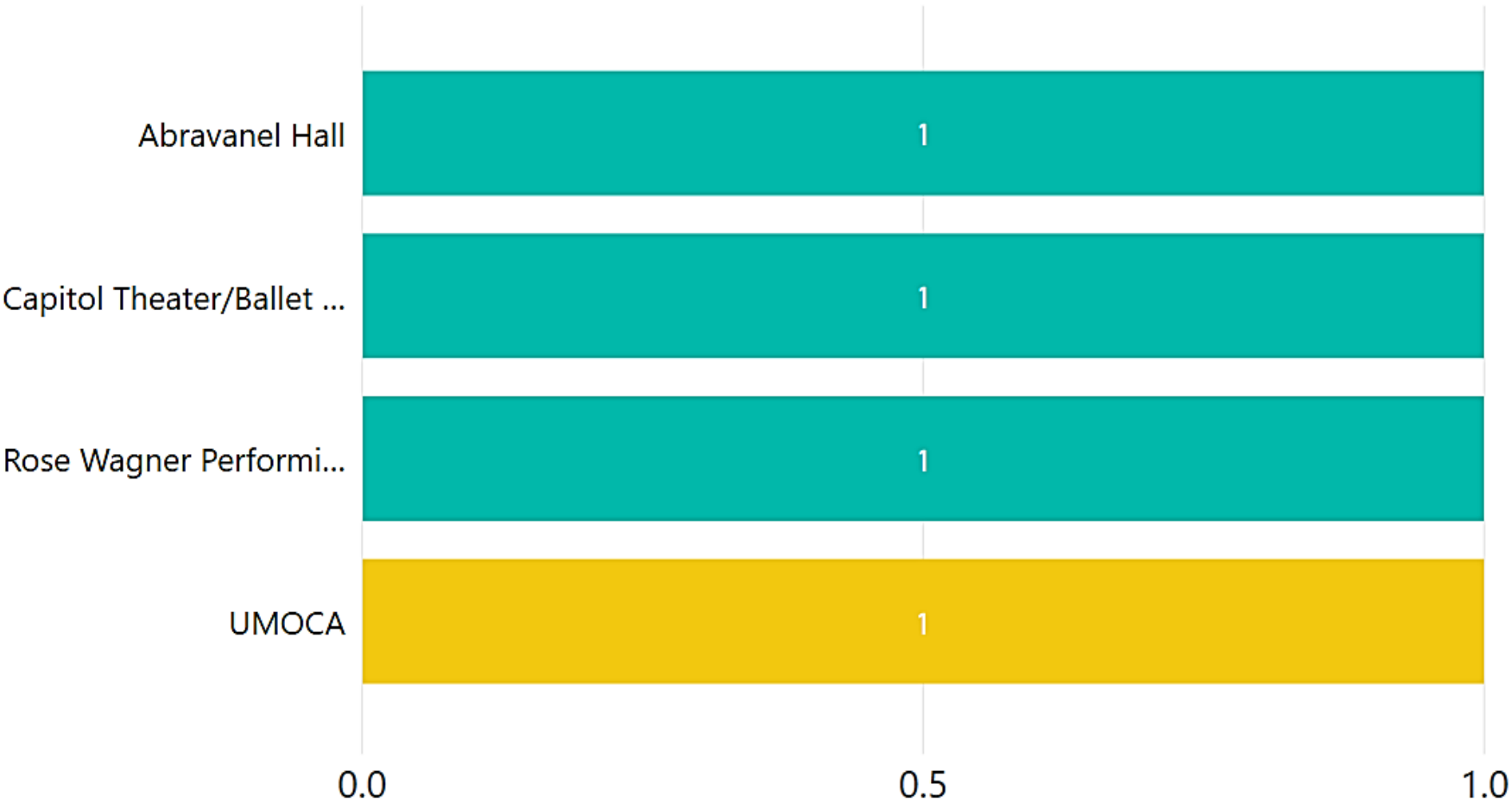
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- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

SALT LAKE COUNTY FACILITIES

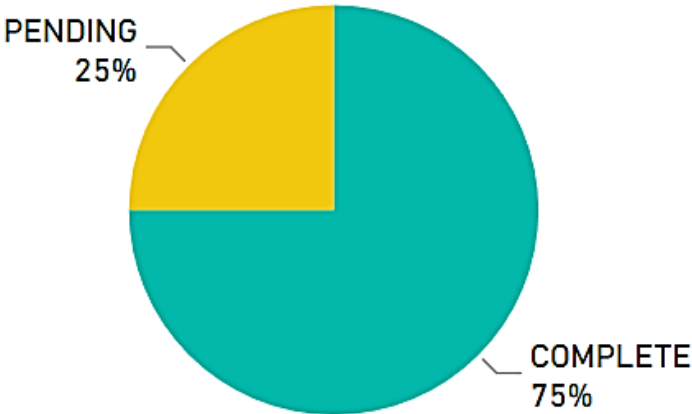
SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING



4

NO. OF FACILITIES



DEPARTMENT

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- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Community Services

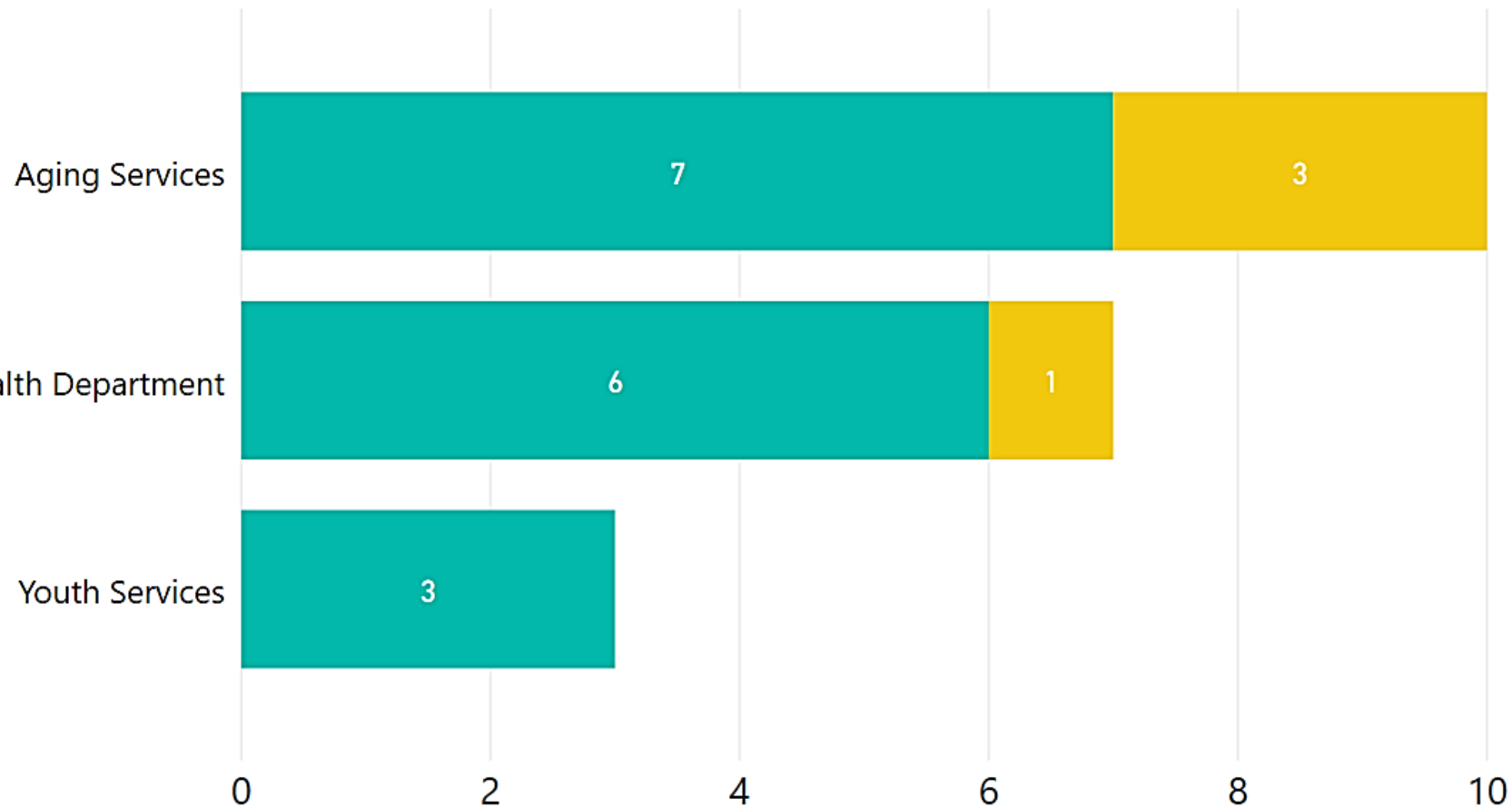
DEPARTMENT

Human Services

SALT LAKE COUNTY FACILITIES

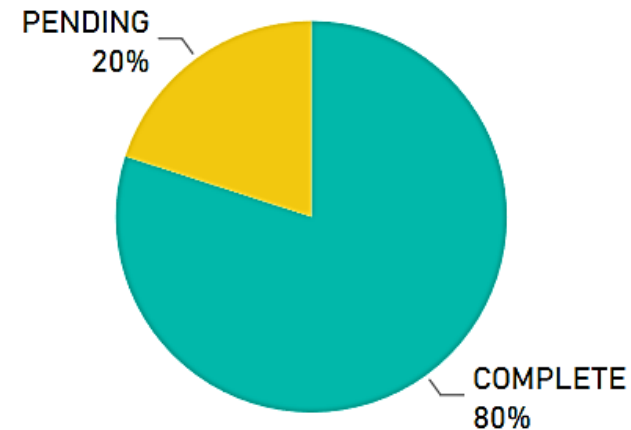
SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING



20

NO. OF FACILITIES



DEPARTMENT

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- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

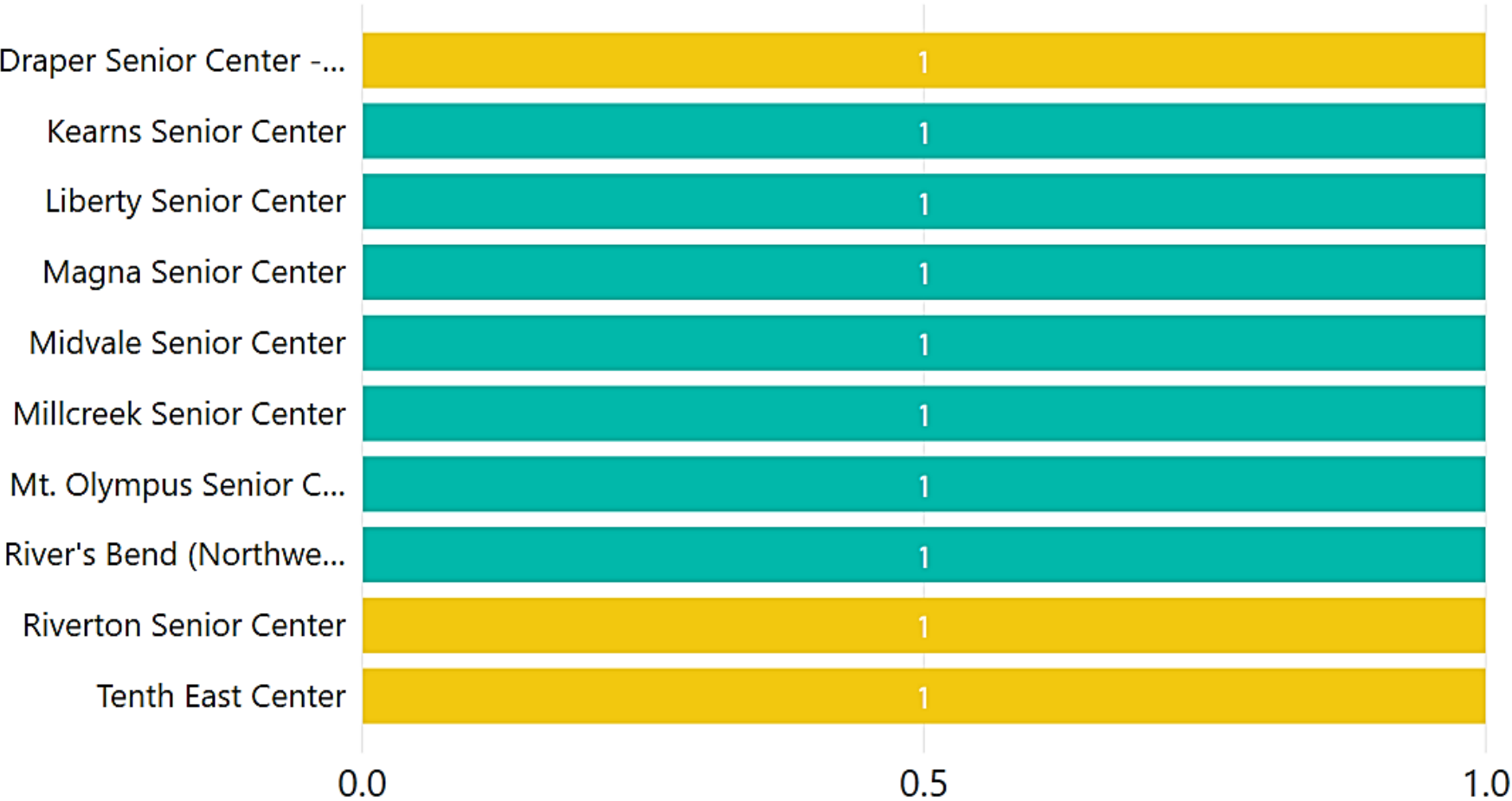
Human Services

DEPARTMENT

SALT LAKE COUNTY FACILITIES

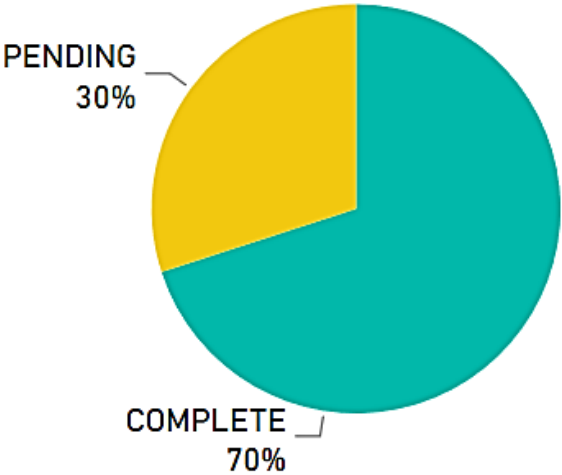
SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING



10

NO. OF FACILITIES



DEPARTMENT

- ☐ (Blank)
- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

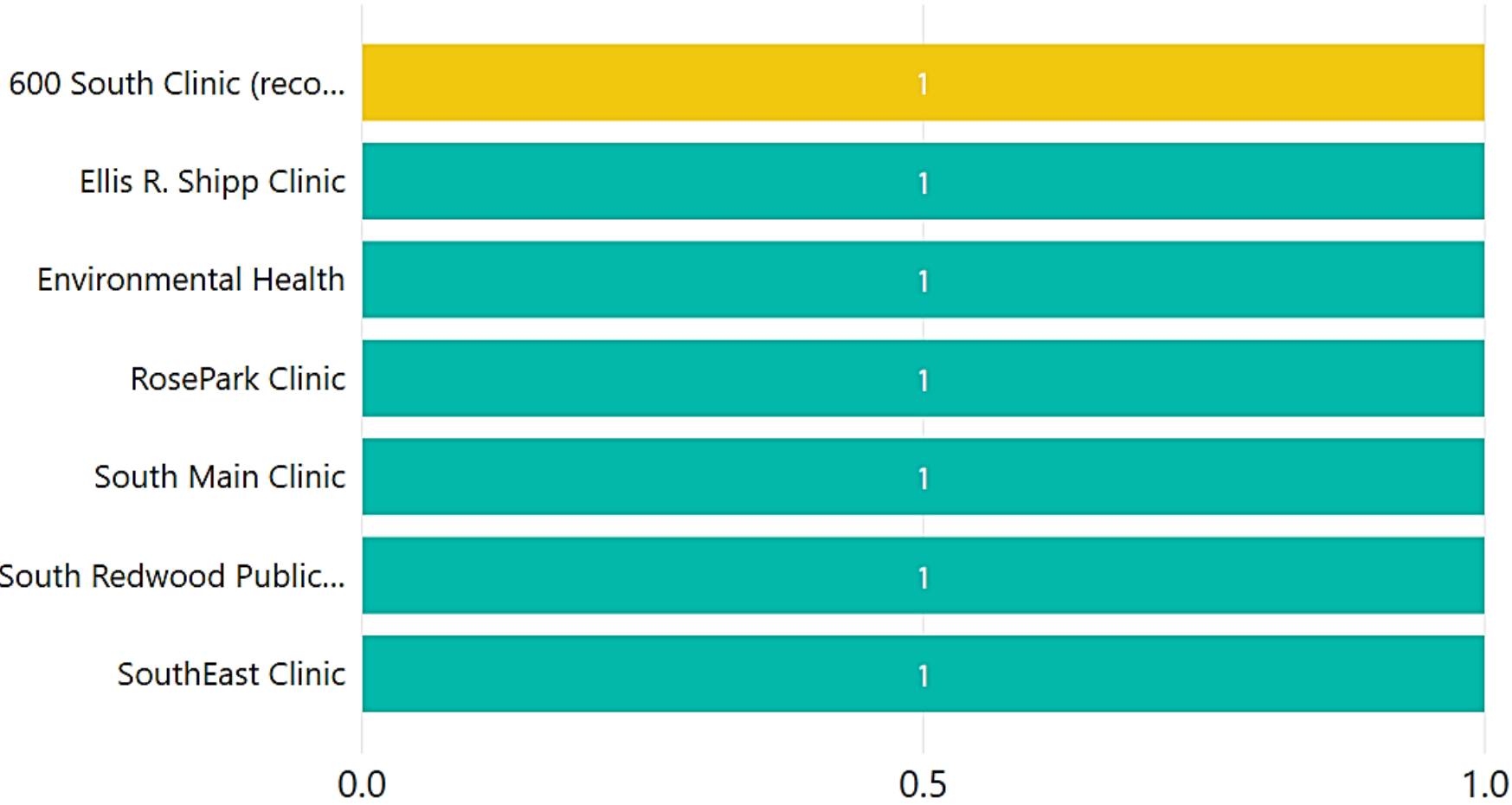
Human Services

DEPARTMENT

SALT LAKE COUNTY FACILITIES

SIGNAGE STATUS

LEGEND ● COMPLETE ● PENDING

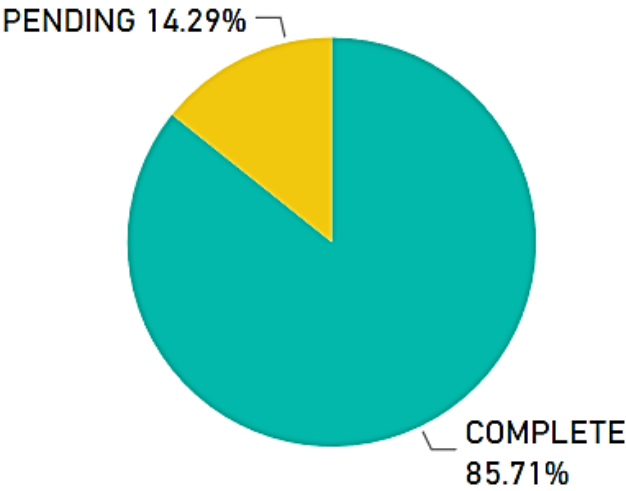


Human Services

DEPARTMENT

7

NO. OF FACILITIES



DEPARTMENT

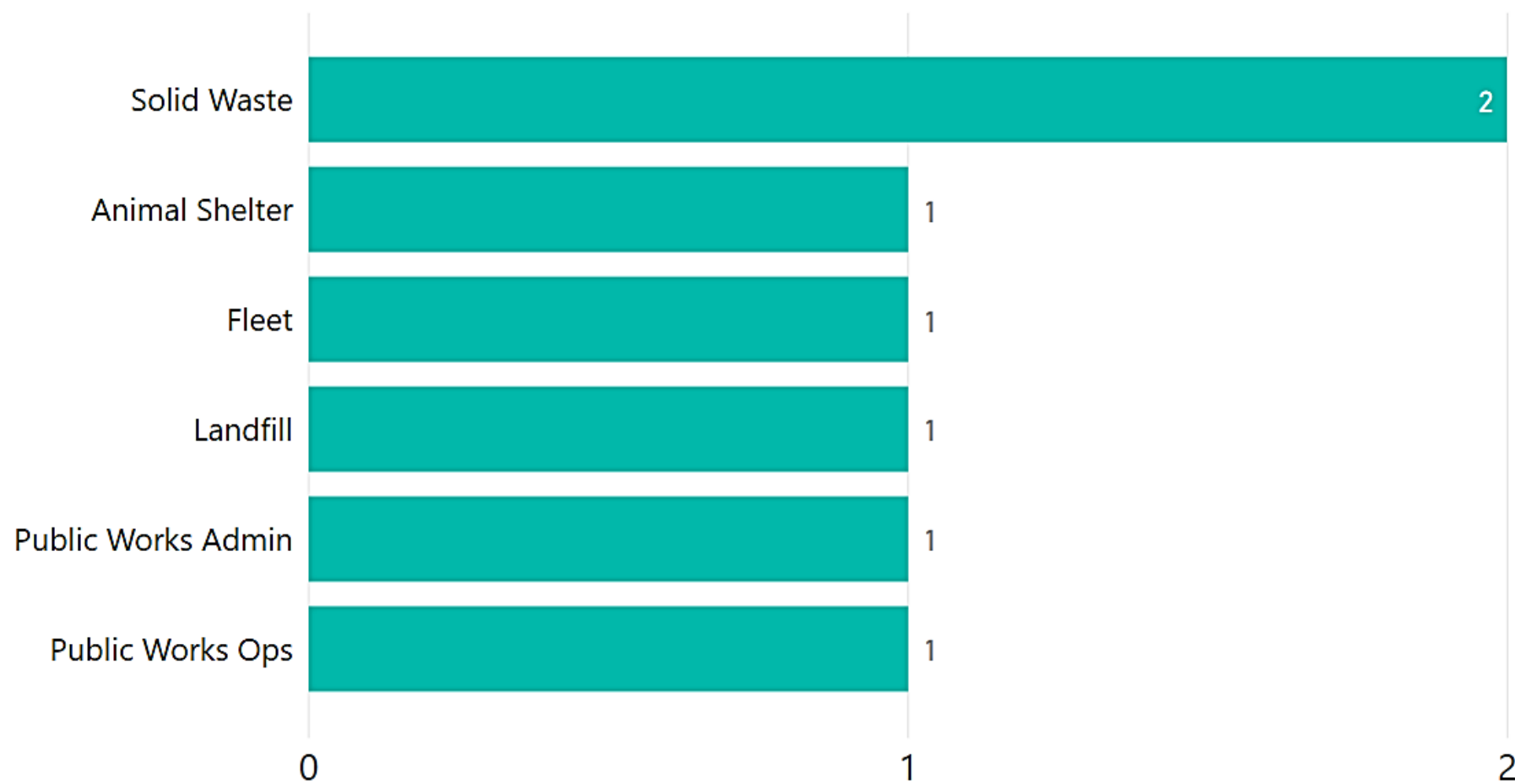
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- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Public Works

SALT LAKE COUNTY FACILITIES

SIGNAGE STATUS

LEGEND ● COMPLETE

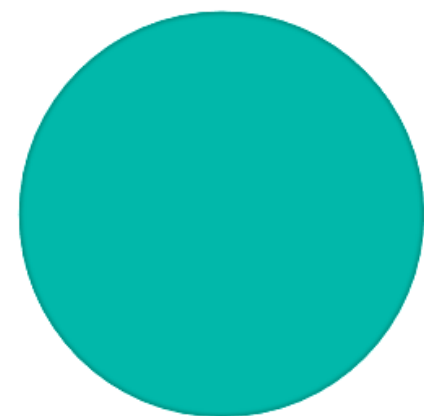


Public Works

DEPARTMENT

7

NO. OF FACILITIES



COMPLETE 100%

DEPARTMENT

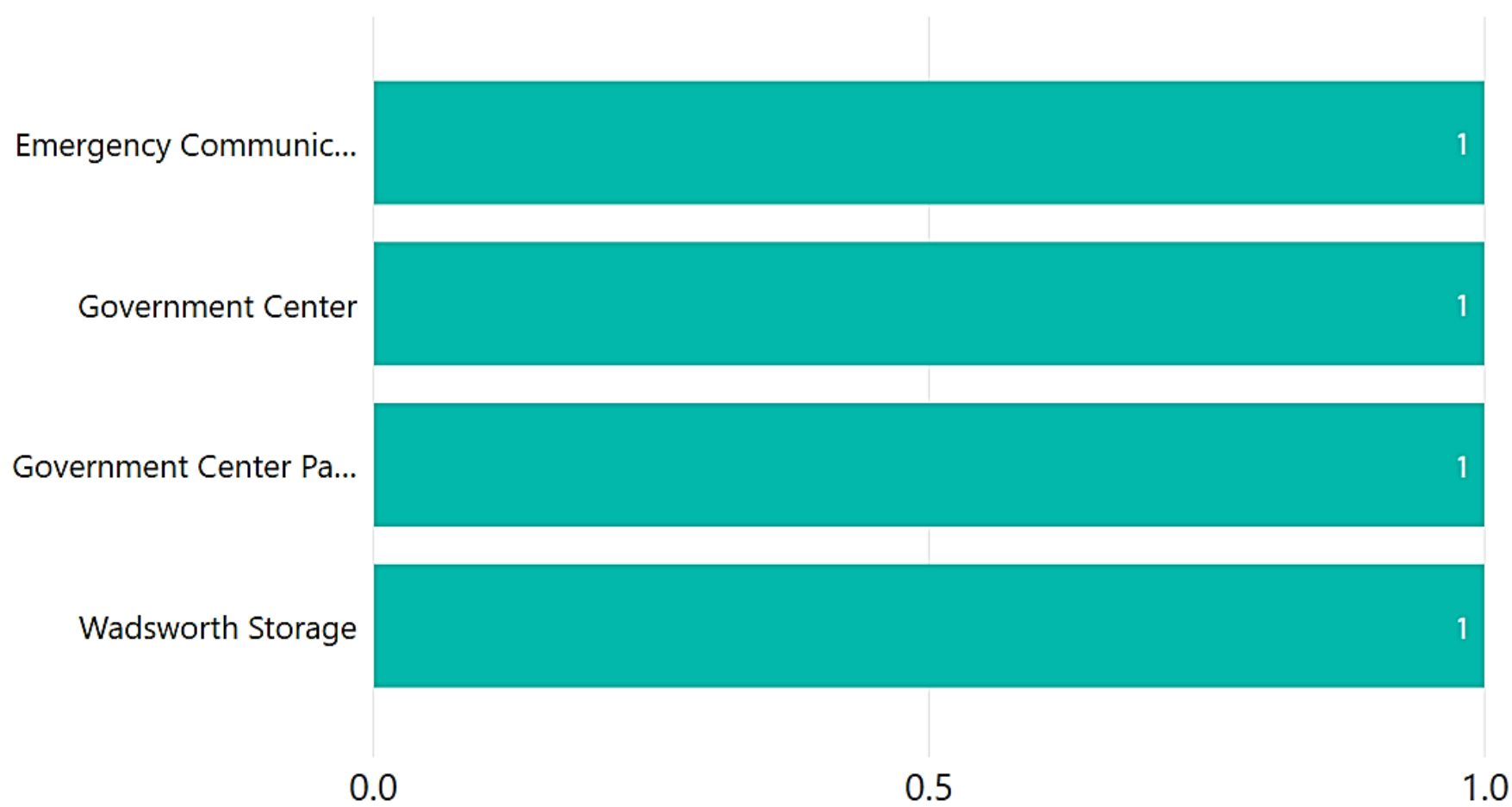
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- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Administrative Services

SALT LAKE COUNTY FACILITIES

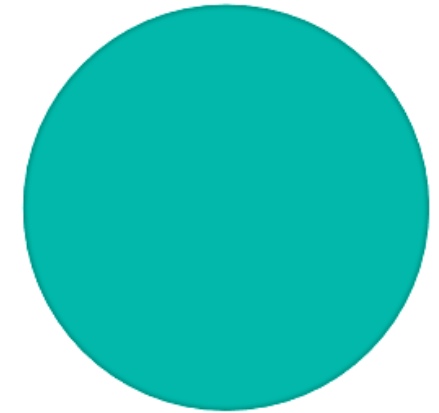
SIGNAGE STATUS

LEGEND ● COMPLETE



4

NO. OF FACILITIES



DEPARTMENT

- ☐ (Blank)
- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Administrative Services

DEPARTMENT

Regional Development

SALT LAKE COUNTY FACILITIES

SIGNAGE STATUS

LEGEND ● COMPLETE

2

NO. OF FACILITIES

Salt Palace

1

South Towne

1

0.0

0.5

1.0

COMPLETE 100%

Regional Development

DEPARTMENT

DEPARTMENT

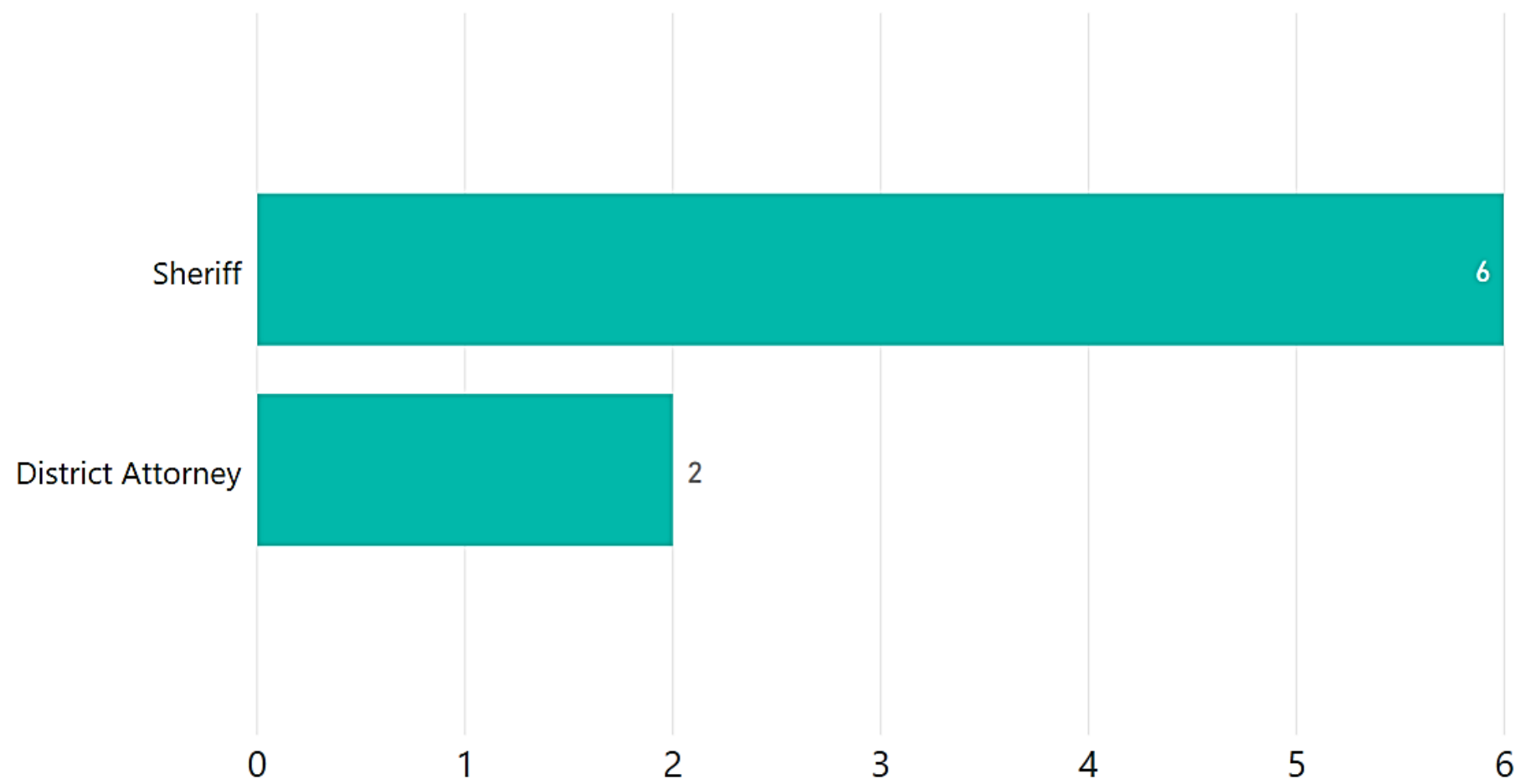
- ☐ (Blank)
- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Elected Offices

SALT LAKE COUNTY FACILITIES

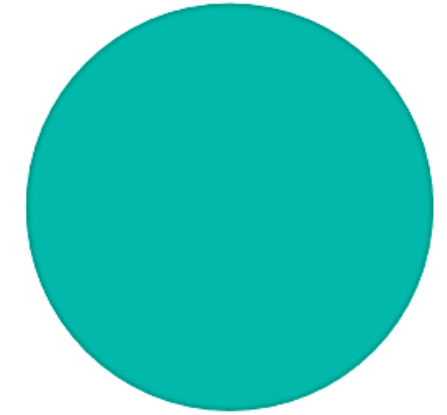
SIGNAGE STATUS

LEGEND ● COMPLETE



8

NO. OF FACILITIES



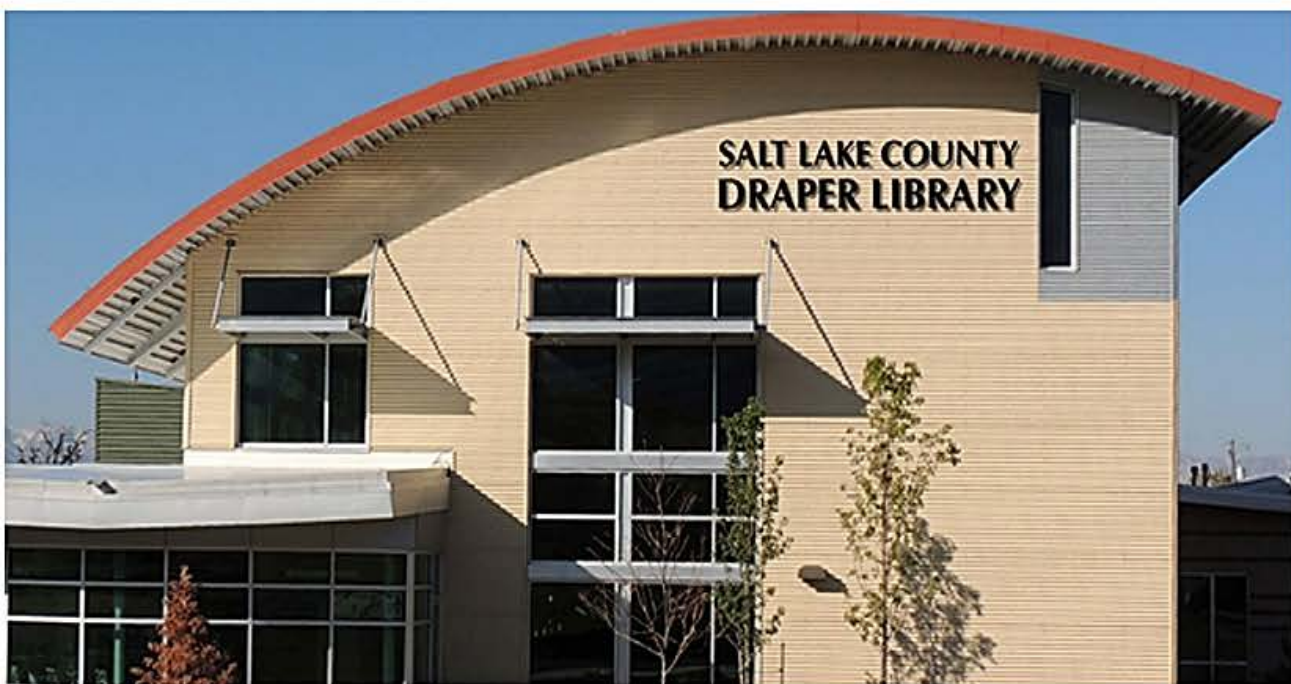
COMPLETE 100%

DEPARTMENT

- ☐ (Blank)
- ☐ Administrative Services
- ☐ Community Services
- ☐ Elected Office
- ☐ Human Services
- ☐ Public Works
- ☐ Regional Development

Elected Office

DEPARTMENT

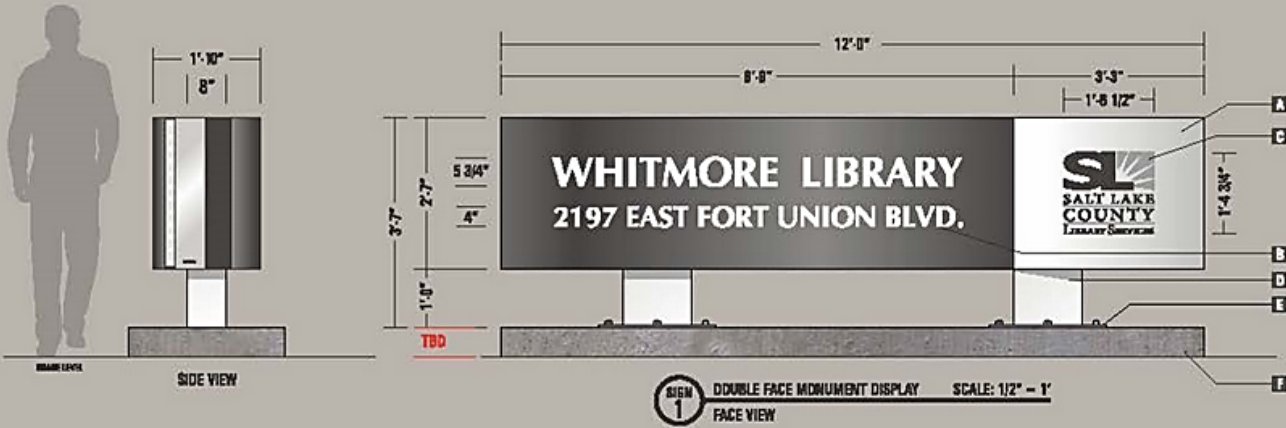








**Whitmore
Monument Sign
\$ 15,800.00**



ESTIMATING	MANUFACTURE AND INSTALL ONE (1) DOUBLE FACE, INTERPOLYMER-GLUED MOUNTING DISPLAY
INSTALL	CUSTOMER TO REMOVE OLD AND DISCARD EXISTING SIGNS AND BRICK BASE, YES/NO TO MOUNT NEW DISPLAY ON TOP OF EXISTING CONCRETE PAD.
NOT	CONSUMER TO DETERMINE IF PAD IS SUITABLE FOR NEW SIGN, SUBJECT RECALLED.

SIGN SPECS.

A	CABINET	MATERIAL P1, P2, SEE COLOR KEY FINISH SATIN	ALUMINUM P1, P2, SEE COLOR KEY SATIN
	FACE	MATERIAL/TYPE TYPE ILLUMINATION	ALUMINUM ROUTED OUT ACRYLIC PUSH THROUGH FINISH LED, WHITE
C	LOGO	MATERIAL/TYPE THICKNESS PAINT COLOR FINISH ILLUMINATION	ALUMINUM CUTOUT 1/8" P1, P2, SEE COLOR KEY SATIN CONE WITH LED, WHITE
D	POLE COVERS	MATERIAL PAINT COLOR FINISH	ALUMINUM P2, SEE COLOR KEY SATIN
E	MOUNTING PLATES	TYPE	STEEL PLATES WITH BOLT SIZES AS PER ENGINEERING
F	PAO	TYPE MATERIAL	EXISTING CONCRETE

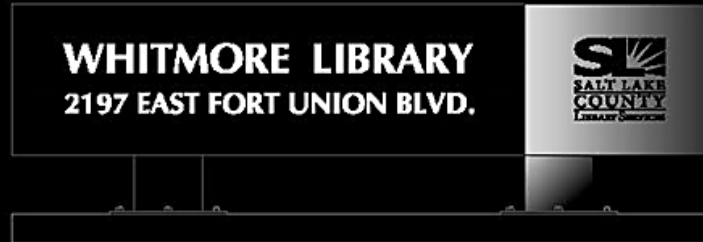
COLOR KEY

P1	PAINT	8W EZ 2200 DARK GREY METALLIC
P2	PAINT	8W CB 4225 SILVER METALLIC
P3	PAINT	8W EZ 3040 MATHW 6 GREY METALLIC

NOTE: UNLESS OTHERWISE NOTED, THE COLOR DENOTED ON THIS WARNING
BUT NOT MATCH ACTUAL COLOR ON FINISHED EXHAUST. PLEASE REFER TO
COLOR GALLERY AND THEIR APPROPRIATE MEMBER SPECIFIC SAMPLES FOR
APPROPRIATE COLOR SPECIFICATIONS.



EXISTING SIGN TO BE REMOVED AND DISCARDED



CONCEPTUAL VIEW AT NIGHT TIME SHOWING ILLUMINATION



CONCEPTUAL VIEW



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CLIENT:
SUNLAND CONSTRUCTION
2107 FORT UNION BOVD. (POOR 35)

ELC, UT

ACCOUNT EXECUTIVE
ELITE WALLACE

Blery B.

B-10-2011

I have studied the above drawing and find the following details acceptable.

- () Copy not lettering
- () Minimize () Color
- () Dimensions

*The notes attached to this drawing are representative only. Please contact your Account Executive for more rule details.

Client Signature / Date

London Signature / Date

DATE	INT. DISC.	REMARKS
11/11/58	100.00	100.00
11/12/58	100.00	100.00
11/13/58	100.00	100.00
11/14/58	100.00	100.00
11/15/58	100.00	100.00
11/16/58	100.00	100.00
11/17/58	100.00	100.00
11/18/58	100.00	100.00
11/19/58	100.00	100.00
11/20/58	100.00	100.00
11/21/58	100.00	100.00
11/22/58	100.00	100.00
11/23/58	100.00	100.00
11/24/58	100.00	100.00
11/25/58	100.00	100.00
11/26/58	100.00	100.00
11/27/58	100.00	100.00
11/28/58	100.00	100.00
11/29/58	100.00	100.00
11/30/58	100.00	100.00

<p>RESEARCHER CONTACT</p> <p>WFC 1410 RESEARCH</p> <p>F. A. 1410</p>	<p>RESEARCH</p> <p>F. A. 1410</p>
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*ALL CHAIRS HAVE BUILT-IN RECLINER
SEATING AND HEATING LAMP

C 8 FIBER OPTIC C 10 CIG 16
 C 9 BOWELL C 11 ONE BOWELL

*WHEELS 27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043

10/10/2010

RECEIVED 2 AUGUST 1999

RESEARCH & ANALYSIS

RECEIVED 4 JULY 1991

WILEY

[illegible]

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