

NDOT 3 GIS



gis.dot.nv.gov/3GISweb/S/

3-GIS Web

- Telecom
- Maps
- Layouts
- Editing
- Output
- Signal Trace
- Smartmarks
- Create Feature
- Table of Contents
- Selection History
- Relationship Management
- Measure
- Reporting
- BOM
- QAQC
- Plotting
- Query
- Connection Manager
- Feature Statistics
- Work Orders

3GIS/Telecom3GIS

Streetview_1

226 Galletti Way
Reno, Nevada
View on Google Maps

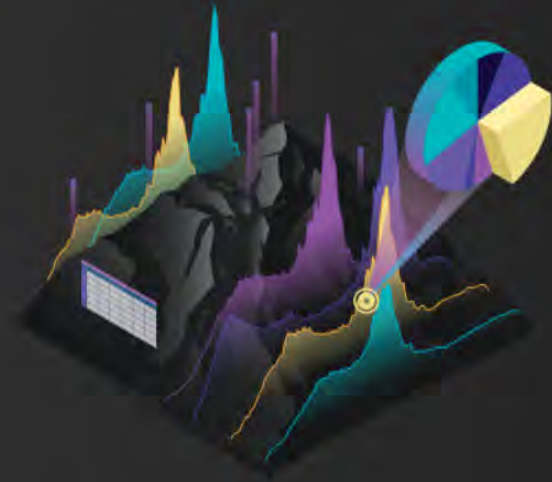
3 GIS is an ESRI based GIS Data Management System

Type

[Products](#)[Industries](#)[Support & Services](#)[Stories](#)[About](#)[What is GIS?](#)[Overview](#)[GIS Showcase](#)[History of GIS](#)[Careers](#)[Get Started](#)

What is GIS?

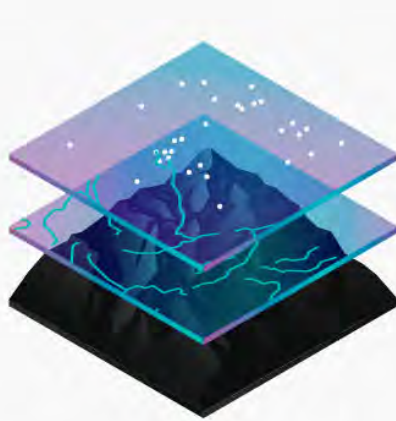
A spatial system that creates, manages, analyzes, and maps all types of data



A geographic information system (GIS) is a system that creates, manages, analyzes, and maps all types of data. GIS connects data to a map, integrating location data (where things are) with all types of descriptive information (what things are like there). This provides a foundation for mapping and analysis that is used in science and almost every industry. GIS helps users understand patterns, relationships, and geographic context. The benefits include improved communication and efficiency as well as better management and decision making.

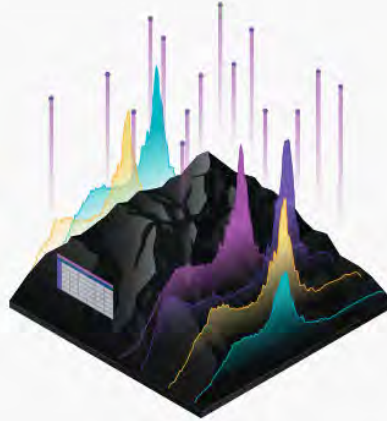
How does GIS work?

GIS technology applies geographic science with tools for understanding and collaboration. It helps people reach a common goal: to gain actionable intelligence from all types of data.



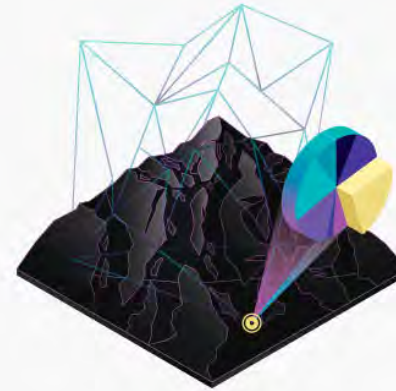
Maps

Maps are the geographic container for the data layers and analytics you want to work with. GIS maps are easily shared and embedded in apps, and accessible by virtually everyone, everywhere.



Data

GIS integrates many different kinds of data layers using spatial location. Most data has a geographic component. GIS data includes imagery, features, and basemaps linked to spreadsheets and tables.



Analysis

Spatial analysis lets you evaluate suitability and capability, estimate and predict, interpret and understand, and much more, lending new perspectives to your insight and decision-making.



Apps

Apps provide focused user experiences for getting work done and bringing GIS to life for everyone. GIS apps work virtually everywhere: on your mobile phones, tablets, in web browsers, and on desktops.



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 - + Administration
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 - + Design
 - Project Management
 - + Structures
 - + Environmental Division
 - Location
 - Geospatial Data**
 - Map Sales/Cartography
 - Survey
 - Contacts
 - + Operations
 - + Planning
 - Executive Leadership Team
 - Senior Leadership Team

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Geospatial Data

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The Geospatial Data Services team provides maps and imagery to a wide array of consumers throughout the Department. Some of these products are also available to the public, including the popular Nevada Map Atlas and aerial imagery.

For more information:

- [General Cartography & Map Sales](#)
- [Imagery Services](#)

NDOT Road and Milepost Data

- [Nevada Roads and Mile Markers](#)

This data is for general reference purposes only. Nevada Department of Transportation assumes no liability for the misuse or misinterpretation of the data and has no claim as to the completeness, usefulness, or accuracy of its content, positional or otherwise.

For more information about Road and Milepost Data products and services contact:

[Nick Bacon](#) in Roadway Systems at (775) 888-7387

Free viewers are required for some of the attached documents.
They can be downloaded by clicking on the icons below.



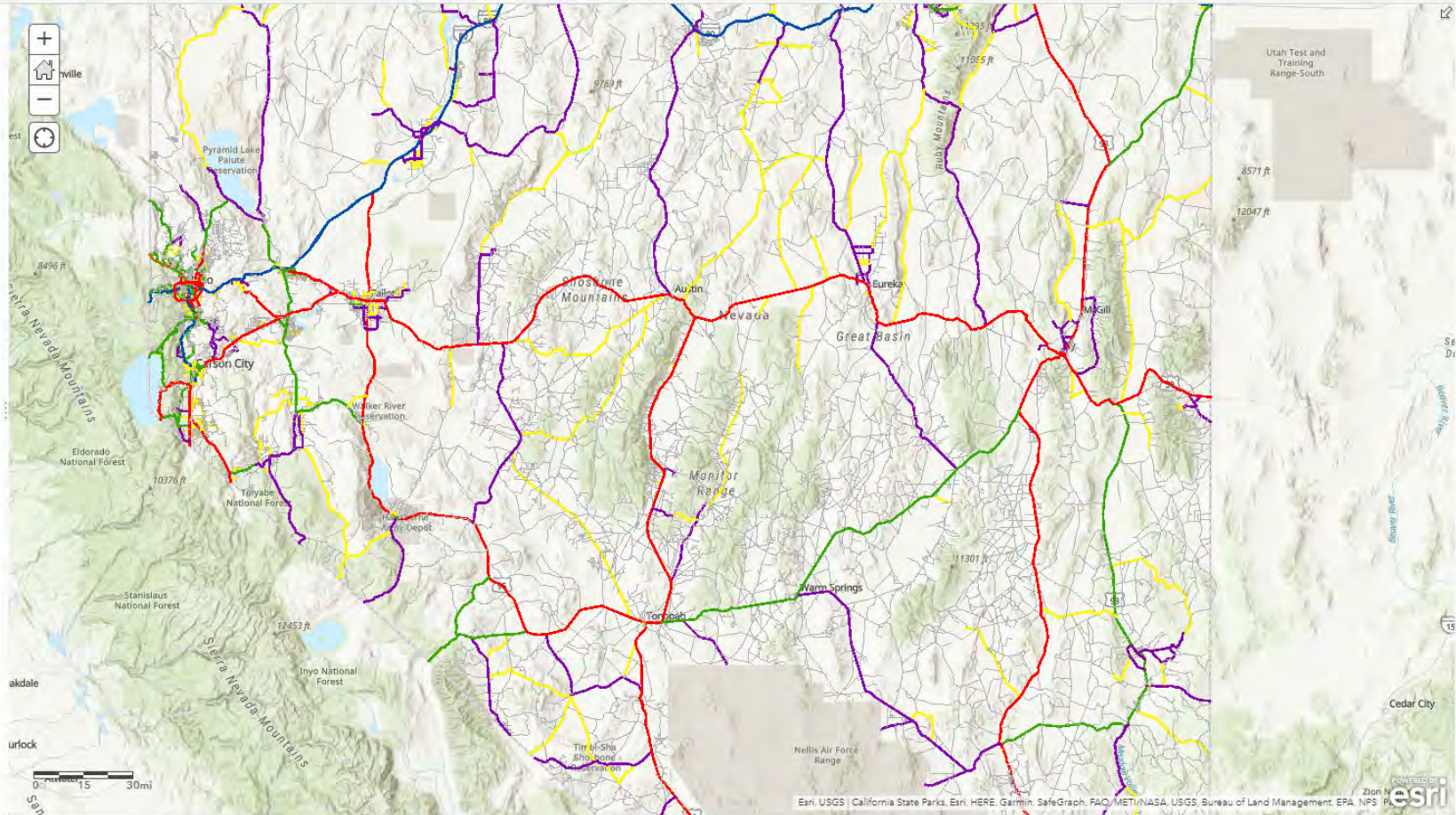
Legend

FSystem

- 1-Interstate
- 2-Principal Arterial: Other Freeways/Expressways
- 3-Principal Arterial: Other
- 4-Minor Arterial
- 5-Major Collector
- 6-Minor Collector
- 7-Local

StatewideRoutes_Labels

StatewideRoutes





3-GIS | Mobile

Address verification

Damage assessments

Pole assessments

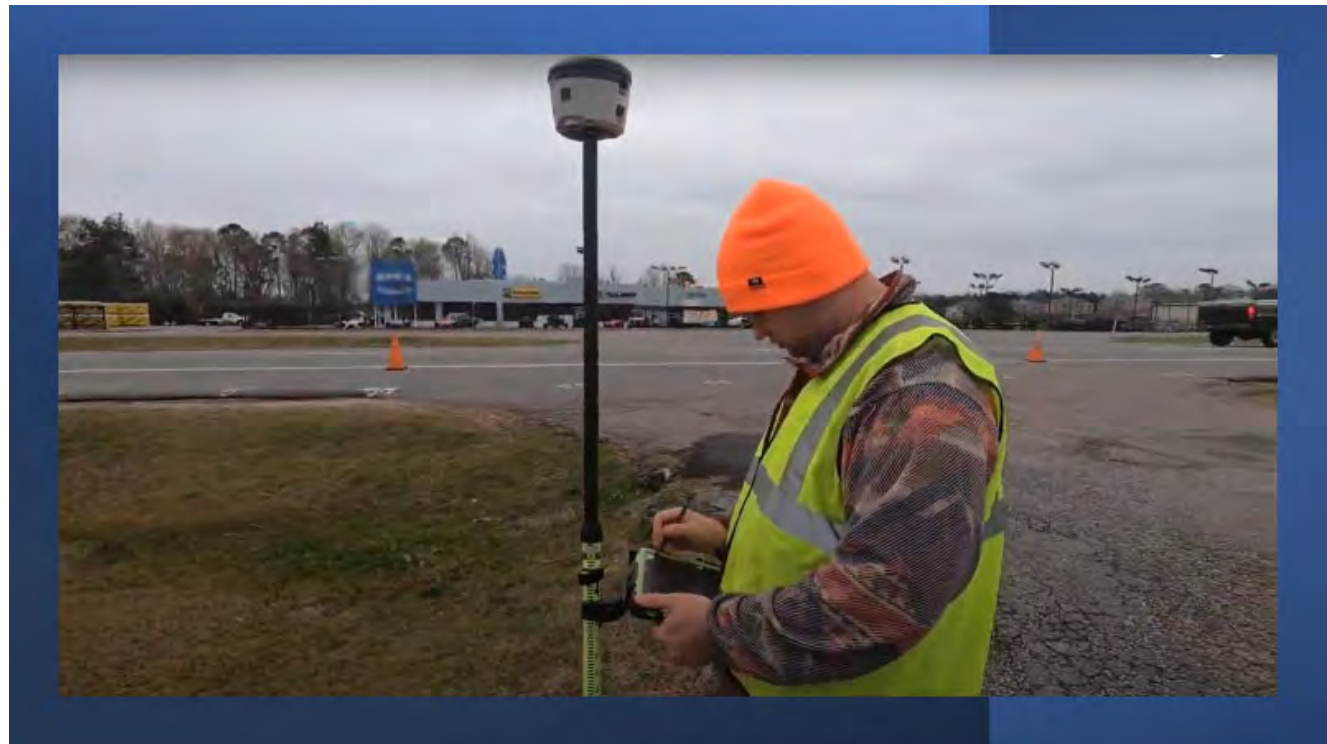
Data corrections

Inventory

Construction rideouts

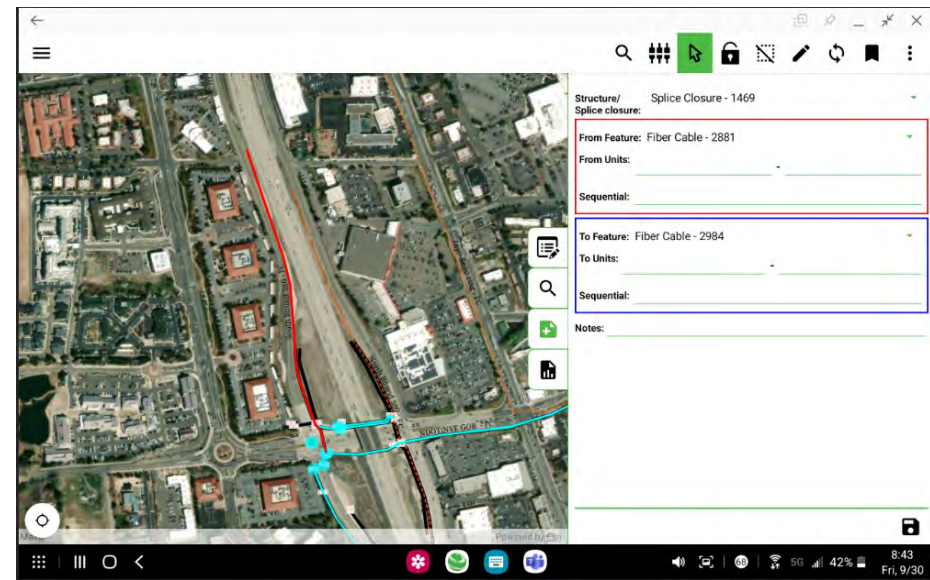
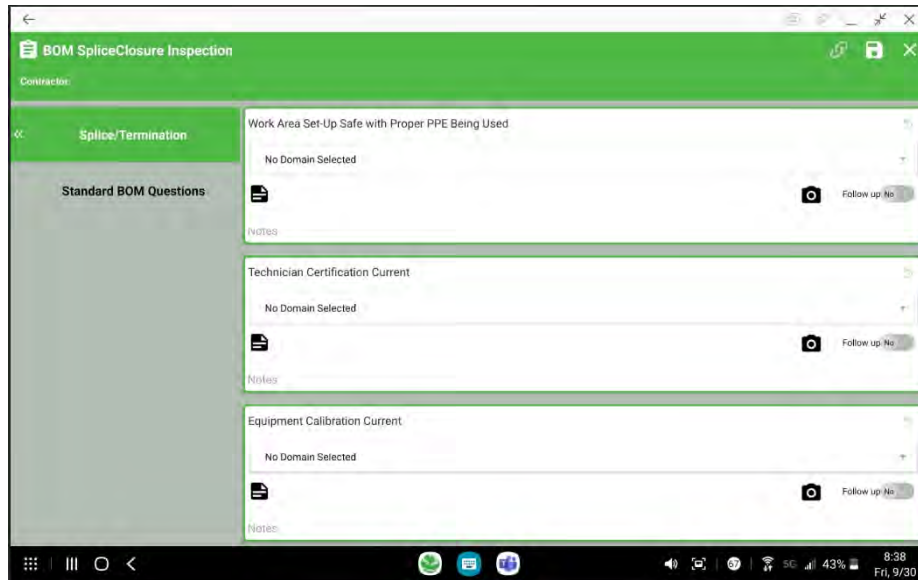
3 GIS Mobile

External GPS using DA-2
Trimble receiver, enables
user to place or verify feature
location within 60 CM





Real-time Splicing and Inspection Collection

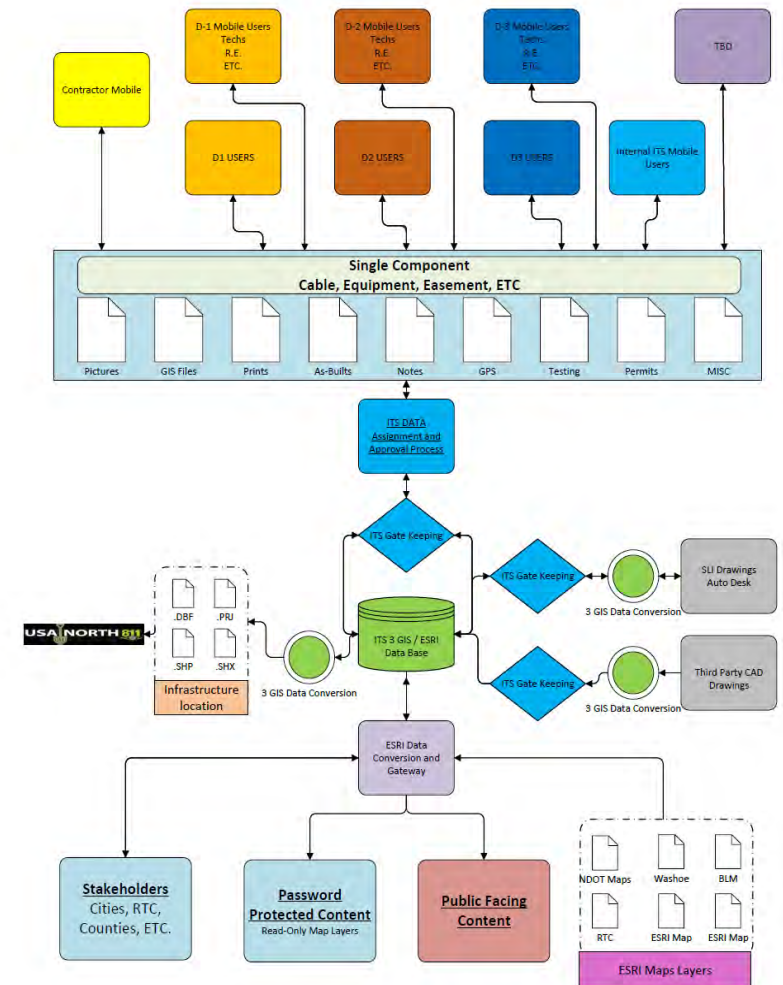


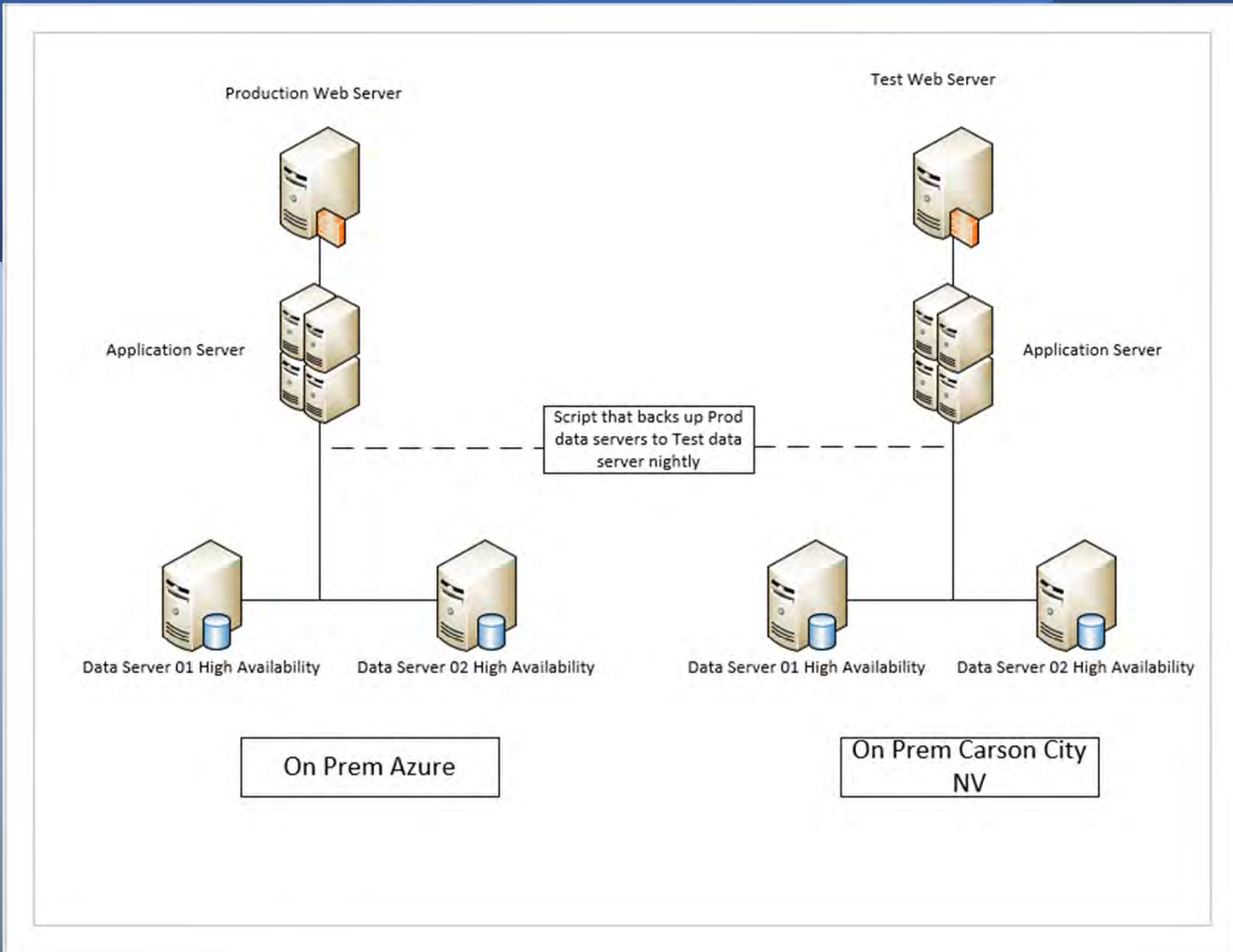
Data Management



Data Management

- 3 GIS manages data using a central a data base. 3 GIS also has several tools to convert, migrate and manage information using visual features for associating data.





3GIS/Telecom3GIS x Streetview_1 x Info x

Info

- Auto Name Polygon (2)
- Fiber Cable (2)
- Span (1)
 - Battle Born Way**

Attachment	Attributes	Summary	Attachments
Galletti1.pdf	Permitting		
Galletti 2.pdf	Permitting		
CnS_Galetti_NDOT Permit_01-14-22_Rev3.pdf	Plans		
NDOT_Kietzke-BattleBorn_03-03-22.kmz	Shape Files		
NDOT_Kietzke-BattleBorn_03-03-22.idx	Shape Files		
NDOT_Kietzke-BattleBorn_03-03-22.dbf	Shape Files		
NDOT_Kietzke-BattleBorn_03-03-22.prj	Shape Files		
NDOT_Kietzke-BattleBorn_03-03-22.shp	Shape Files		
NDOT_Kietzke-BattleBorn_03-03-22.shx	Shape Files		

*Drop file to add attachment

3GIS/Telecom3GIS

Layer Definitions: Junction Added Cost, Linear Route Costs
MXU Levels: All

Scale: 40m, 200ft

Esri Community Maps Contributors, City of Sparks, California...

Streetview_1

Battle Born Way
Sparks, Nevada
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CnS_Galetti_NDOT Permit_01-14-22_Rev3.pdf

DET5 1 / 9 28%

NDOT PERMIT FOR KIETZKE LANE/BATTLE BORN WAY
RENO, NEVADA
SECTIONS 6, 7, 7SW, 12DE 11.2.21

DESIGNER:
KERRY HALLING TRAFFIC SOLUTIONS
STATE OF NEVADA
DIVISION OF HIGHWAYS
CONTRACT NO. 500-21-001
PROJECT NO. 500-21-001-001

CONSULTANT:
THE SAUCE CONSULTING
1775 S. UNIVERSITY AVENUE
RENO, NV 89509
PHONE: (775) 335-1100
WWW.THE SAUCE CONSULTING.COM

DATE:
11/15/2021

SCALE:
AS SHOWN



Streetview_1

Kietzke Ln
Reno, Nevada
View on Google Maps

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Kietzke Ln 667

Type


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3GIS/Telecom3GIS x Streetview_1 x CnS_Galetti_NDOT Permit_01-14-22_Rev3.pdf x Info x E0B5CA4E-9F25-434E-BA16-7DCB0550ADB5.jpg x Table of Contents x

E0B5CA4E-9F25-434E-BA16-7DCB0550ADB5.jpg




3GIS/Telecom3GIS

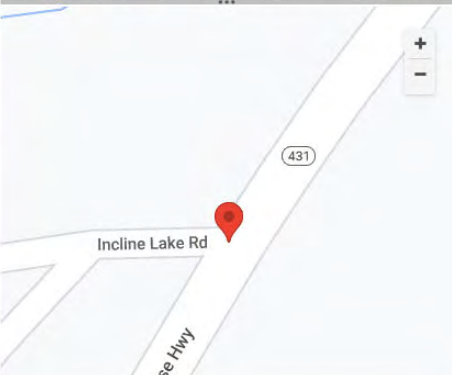


Streetview_1

Mt Rose Hwy
New Washoe City, Nevada
View on Google Maps



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Incline Lake Rd
Mt Rose Hwy
431

Type

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CS_180 at USA Pkwy_SWPPP Doc 2-8-22.pdf

Nevada Depa... 1 / 55 33%

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Sparks, Nevada

View on Google Maps

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Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Ho...

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Info

- Auto Name Polygon (2)
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- Span (1)
 - Battle Born Way**

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NDOT_Kietzke-BattleBorn_03-03-22.shx	Shape Files		

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3GIS/Telecom3GIS

Layer Definitions: Junction Added Cost, Linear Route Costs
MXU Levels: All

Scale: 40m, 200ft

Map labels: Battle Born Way, N Kietzke Ln, Galletti Way, Street View Way

Esri Community Maps Contributors, City of Sparks, California...

Streetview_1

Battle Born Way
Sparks, Nevada
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Plotting Plot Map Book Collate

Plot Template
A Size Plot - WorkPacket

Plot at Scale Current Scale: 1:2257

[A Size Plot - WorkPacket2022-09-28_091734.pdf](#)

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Ho...)

Streetview_1

Sparks, Nevada
View on Google Maps

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The image shows a complex software interface for GIS plotting. On the left, a 'Plotting' panel is open, showing a 'Plot Template' section with 'A Size Plot - WorkPacket' selected. Below this, there's a 'Plot at Scale' option with a 'Current Scale: 1:2257'. A video thumbnail for 'A Size Plot - WorkPacket2022-09-28_091734.pdf' is also visible. The main workspace is a satellite map of a landscape with a river and a road. Overlaid on the map are several colored lines (blue, green, red) and a dashed orange line labeled 'FIB-0214 - FC XD: 1-144'. A blue circle with a yellow center is positioned on the map. At the bottom, a toolbar contains various icons for navigation and selection. On the right side, a 'Streetview_1' window is open, showing a street-level view of a road in Sparks, Nevada. Below the streetview is a standard Google Maps interface with a red location pin and zoom controls.



Proj: ITC's Parkway Service Framework for the ITC Parkway Corridor, Project #10001001, Entire Segment with 600' Corridor



Legend

Wall Mount Box	Comm Building	288F	48F	HDPE	Split HDPE
Tower	Manhole	144F	36F	IS 6 Way	Split PVC
Meter	Pedestal	96F	24F	ITS 6 Way	Steel
Cabinet	Vault	72F	12F	PVC	Steel Casing
Handhole	432F	60F	6F	Quad	Wood
			Flex Duct		

USA Parkway

Notes

1 inch = 257 feet

Conduit and Duct Management.

Conduit & Duct Management



NEVADA DOT
FOR NEVADA

DURA-LINE PART NUMBERS

Type	Part Number	Configuration	Reel Size (in)	Length (ft)
NDOT	10013115	SDR-11	102	1,200
	10013252	SDR-11	114	1,500
	10013256	SDR-11	120	2,000
	10013114	TSIDR-11.5	102	1,250
	10013253	TSIDR-11.5	114	1,500
	10013257	TSIDR-11.5	120	2,000

Standard (SDR-11)

Pull-In 4" (TSIDR-11.5)

Type	Part Number	Configuration	Reel Size (in)	Length (ft)
Utility/Shared	10013115	SDR-11	102	1,200
	10013254	SDR-11	114	1,500
	10013258	SDR-11	120	2,000
	10013116	TSIDR-11	102	1,250
	10013255	TSIDR-11	114	1,500
	10013259	TSIDR-11	120	2,000

Standard (SDR-11)

Pull-In 4" (TSIDR-11.5)

Contact Name: Jesse Martin
 Phone: (856)337-0569
 Email: jesse.martin@duraline.com

dura-line

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(19) Facebook | Inbox - krpalmer66... | My files - OneDrive | Mobile CRS - NDOT... | Summary - Overview | https://app.docusig... | 3-GIS Support Desk... | https://gis.nevadad... | 3-GIS Web | 3-GIS Admin | My Courses | IRWIN | Product News | Other bookmarks

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Telecom > | Maps > | Layouts > | Editing > | Output > | Signal Trace | Smartmarks | Create Feature | Table of Contents | Selection History | Relationship Management | Measure | Reporting | BOM | QAQC | Plotting | Query | Connection Manager | Feature Statistics | Work Orders

Signal Trace

Feature Selection
Span: Battle Born Way (2318)

Unit Number
1-6

ID	A Is From End	Z Is From End	Owner
	Null	Null	Null
	Null	Null	Null
	Null	Null	Null

Signal 5

a...	Micro duc...	Micro duc...	Coupler N...	Coupler T...	Structure ...
5	Green				

Blown Fiber Creation

Span Unit Id	Color	FiberCables Assi...
1	Black	1
2	White	0
3	Red	1
4	Blue	0
5	Green	0

FiberCable Templates

12
144

CREATE

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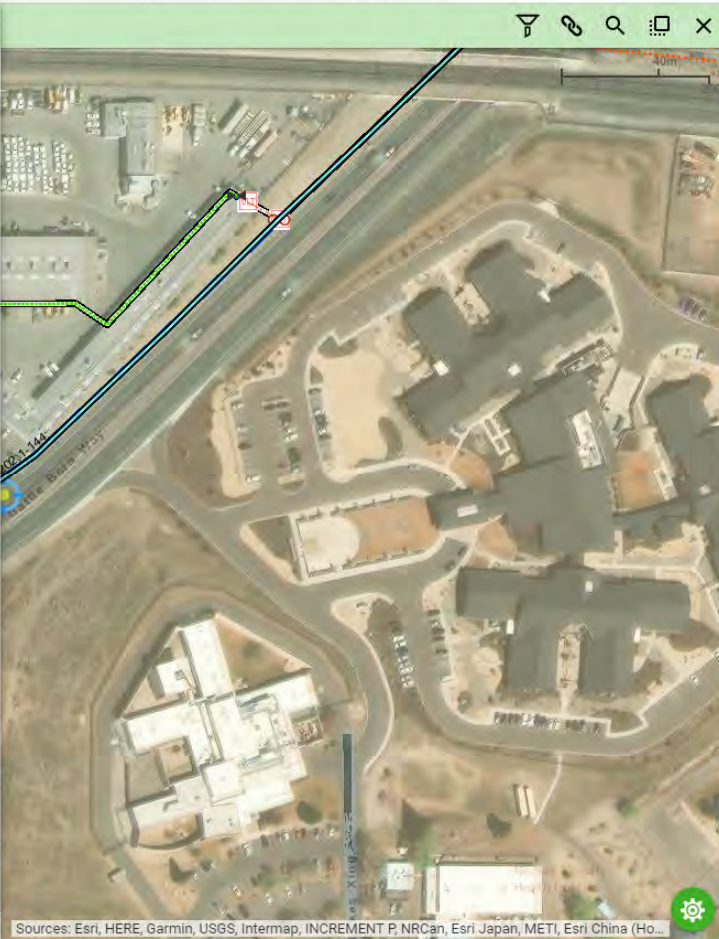
3GIS/Telecom3GIS x Streetview_1 x CnS_Galetti_NDOT Permit_01-14-22_Rev3.pdf x Plotting x Blown Fiber Creation x Info x

Info

- Auto Name Polygon (2)
- Fiber Cable (2)
 - Span (1)**
 - Battle Born Way
 - Activity Line (0)
 - Activity Point (0)
 - ASSEMBLY (0)
 - ATTACHMENTS (9)
 - CONTRACTS (0)
 - Fiber Cable (0)
 - QAQC_ANALYZED_RESULTS (0)
 - SPAN_UNIT (6)
 - Duct ID- 1 Black**
 - Ancillary Cable (0)
 - CONTRACTS (0)
 - Fiber Cable (1)**
 - 180 East WB**
 - Span (1)
 - SPAN_UNIT (0)
 - Duct ID- 3 Red
 - Ancillary Cable (0)
 - CONTRACTS (0)
 - Fiber Cable (1)
 - 180 West WB
 - Span (1)
 - SPAN_UNIT (0)
 - Duct ID- 5 Green
 - Micro Duct ID- 2 White
 - Micro Duct ID- 4 Blue
 - Micro Duct ID- 6 Red

Attributes Summary Attachm

Field	Value
Admin Counts	XD1202:1-144;
ATTENUATION	
Buffer Color Scheme	
Buffer Count	12
Cable Category	Backbone Fiber
Cable Name	180 East WB
TwistFactor	
Cable Type	Loose Tube
Calculated Length	2294.1157888
Color Scheme	
Comments	
Contract Number	
Core Type	Non-Metallic
Creation User	krpalmer@dot.nv.gov
datecommissioned	
Date Created	05/17/2022 2:20:46 PM
Date Modified	05/20/2022 6:16:54 AM
Design ID	
Diameter	
ESTMMATTENUATION1310	
ESTSMATTENUATION1310	
ESTSMATTENUATION1550	
Fiber Count	144
Fibers Per Buffer	12
NonStandard Fiber Count	
From Sequential	
From Structure	
Installation Date	



Streetview_1

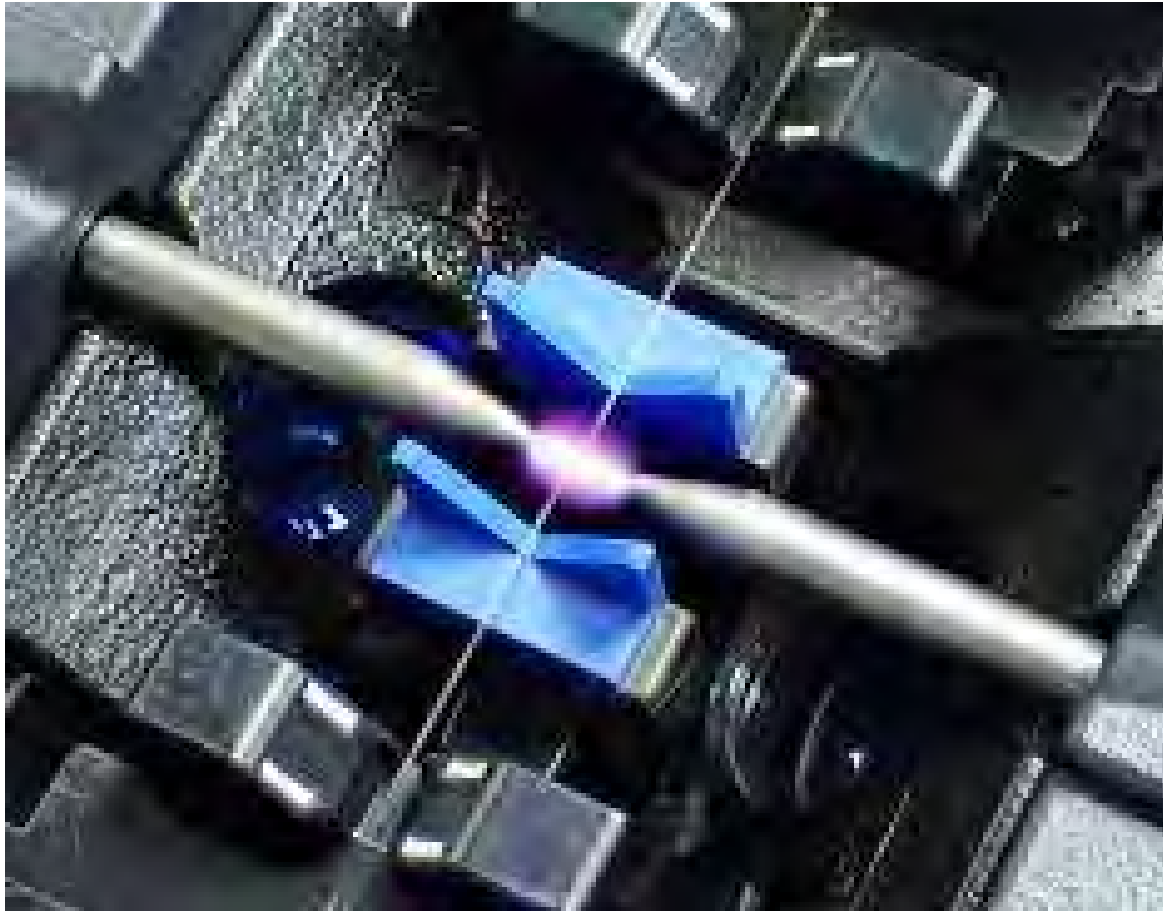
Battle Born Way
Sparks, Nevada
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Splicing and Documentation



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3GIS/Telecom3GIS x Connection Manager x

Connection Manager

Structure/Splice
Splice Closure:1469

FIBERCABLE South Bound 580(2881) FIBERCABLE South Bound 580(2985) FIBERCABLE NDOT/NVE GOB (3017)

Sequentials Sequentials Sequentials

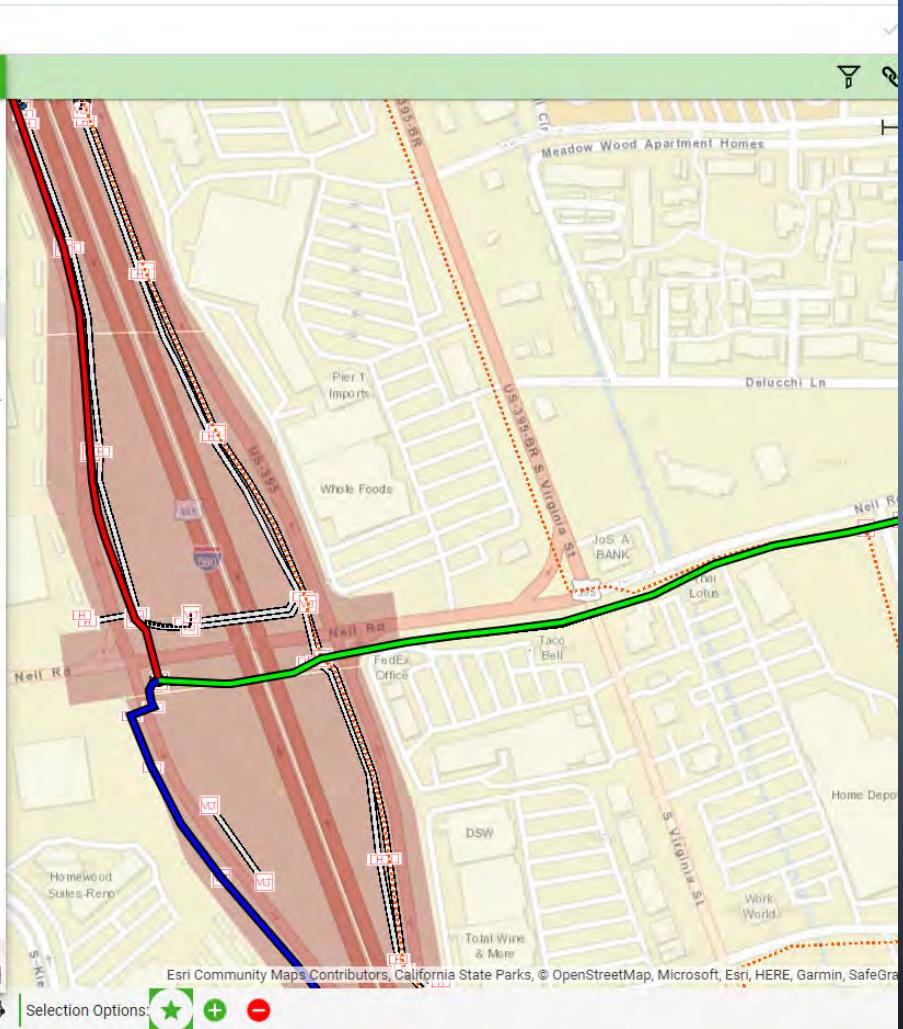
Detailed Existing Signal Trace Connection Notes Complements

fiber Range 25 (1) fiber Range Enter Range (0) fiber Range 1 (1)

Show Columns

South Bound 580				NDOT/NVE GOB		Connection Information	
Buffer	Fiber	Buffer	Fiber	Buffer	Fiber	Splice Type	Tray #
3	25			1	1		
Measure	26	3	25	1	5		
		3	26	1	2		
3	27			1	3		
		3	27	1	7		
3	28			1	4		
		3	28	1			
3	29	3	29				
3	30	3	30				
3	31	3	31				
3		3					

Connection Manager - Selection Type: [Icons]



Selection Options: [Green Star] [Green Plus] [Red Minus]

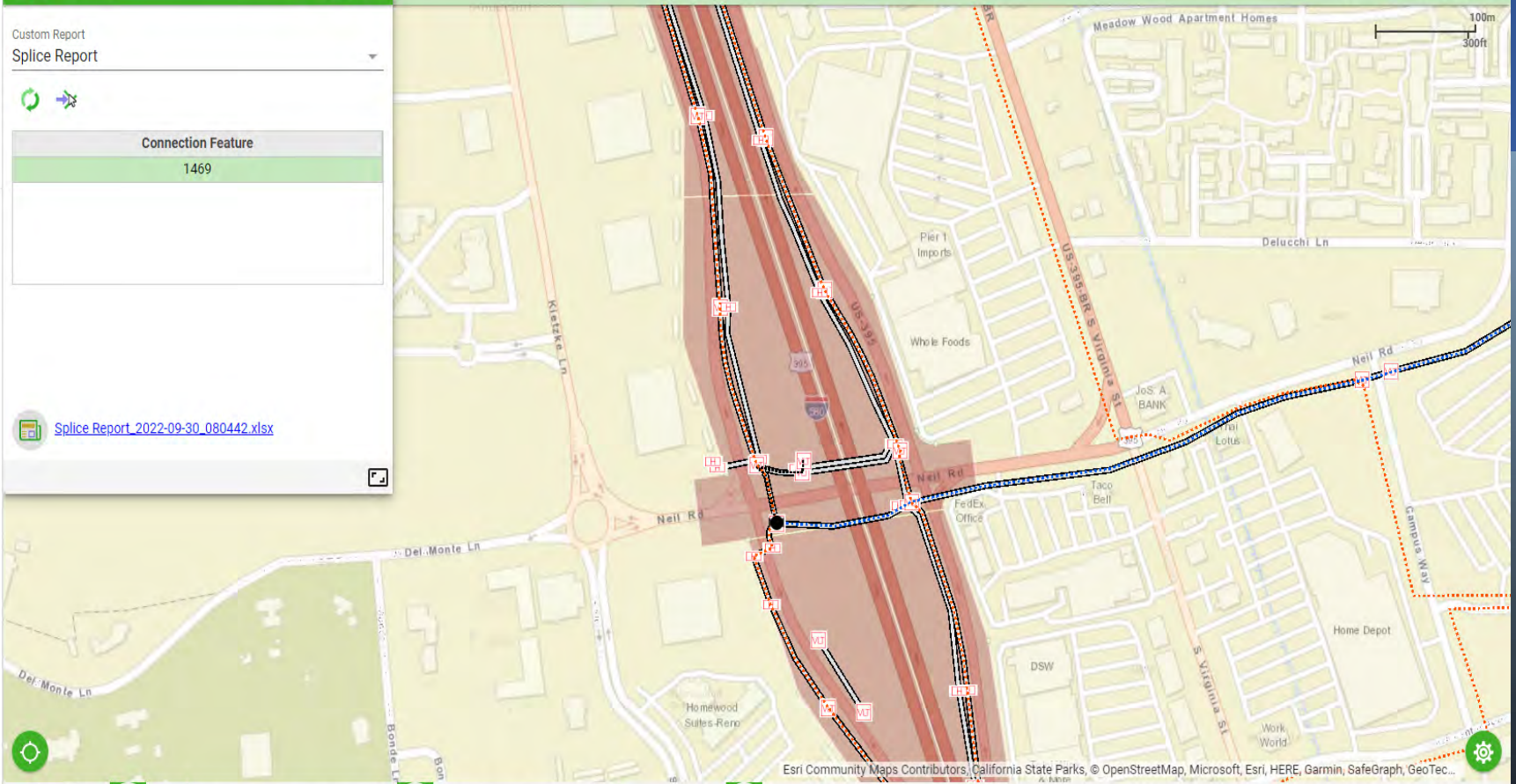
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- Work Orders
- Draw
- Splice Audit

Reporting

Custom Report
Splice Report

Connection Feature
1469

[Splice Report_2022-09-30_080442.xlsx](#)

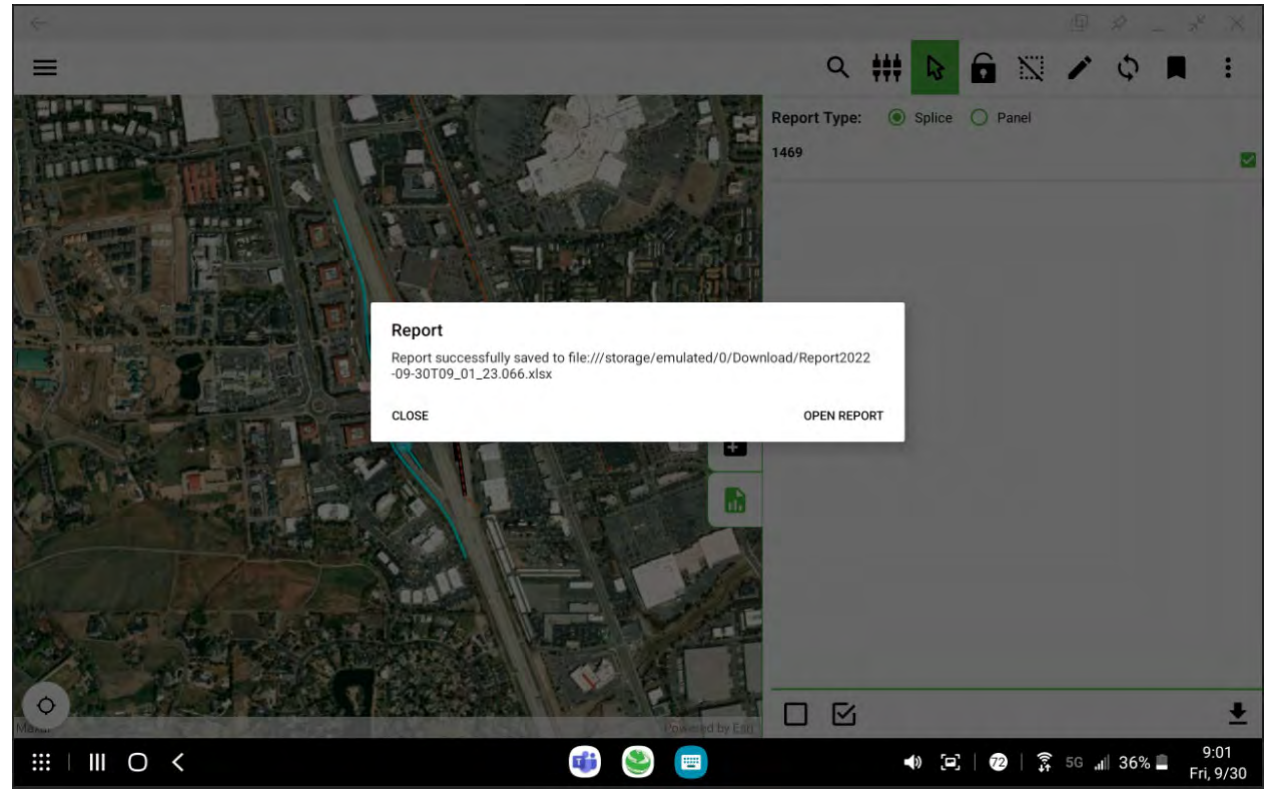


Splice Name		580 S / GOB Splice	Address		
Splice Type		Butt	City		Reno
Date		09/30/2022	Address Notes		
Splice Comments					

Circuit ID	Comments	Splice Type	Start	End	2985			2881			3017			2984		
					Fiber Cable ID	Fiber Cable	Fiber	Fiber Cable ID	Fiber Cable Name	Fiber	Fiber Cable ID	Fiber	Fiber	Fiber Cable ID	Fiber	Fiber
					South Bound 580	South Bound 580	South Bound 580	South Bound 580	South Bound 580	NDOT/NVEGOB	NDOT/NVEGOB	NDOT/NVEGOB	NDOT/NVEGOB	NDOT/NVEGOB	NDOT/NVEGOB	NDOT/NVEGOB
					ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura	ALCOA Fujikura
					1,696 FEET	1,696 FEET	1,696 FEET	1,696 FEET	1,696 FEET	3,328 FEET	3,328 FEET	3,328 FEET	3,328 FEET	3,328 FEET	3,328 FEET	3,328 FEET
					144 CT	144 CT	144 CT	144 CT	144 CT	48 CT	48 CT	48 CT	48 CT	48 CT	48 CT	48 CT
					Fiber#	Fiber#	Fiber#	Fiber#	Fiber#	Bun	Fibe	Des	Fibe	Bun	Fibe	Des
					Bundle	Fiber	Description	Fiber#	Bundle	Fiber	Description	Fiber#	Bundle	Fiber	Description	Fiber#
					1	BL	BL									
					2	BL	OR									
		Fusion			3	BL	GR		3	1	BL	GR				
		Fusion			4	BL	BR		4	1	BL	BR				
		Fusion			5	BL	SL		5	1	BL	SL				
		Fusion			6	BL	WH		6	1	BL	WH				
		Fusion			7	BL	RD		7	1	BL	RD				
		Fusion			8	BL	BK		8	1	BL	BK				
		Fusion			9	BL	YL		9	1	BL	YL				
		Fusion			10	BL	VI		10	1	BL	VI				
		Fusion			11	BL	RS		11	1	BL	RS				
		Fusion			12	BL	AQ		12	1	BL	AQ				
		Fusion			13	OR	BL		13	1	OR	BL				
		Fusion			14	OR	OR		14	1	OR	OR				
		Fusion			15	OR	GR		15	1	OR	GR				
		Fusion			16	OR	BR		16	1	OR	BR				
		Fusion			17	OR	SL		17	1	OR	SL				
		Fusion			18	OR	WH		18	1	OR	WH				
		Fusion			19	OR	RD		19	1	OR	RD				
		Fusion			20	OR	BK		20	1	OR	BK				
		Fusion			21	OR	YL		21	1	OR	YL				
		Fusion			22	OR	VI		22	1	OR	VI				
		Fusion			23	OR	RS		23	1	OR	RS				
		Fusion			24	OR	AQ		24	1	OR	AQ				
		Fusion			25	GR	BL						5	1	BL	SL
		Fusion			26	GR	OR						6	1	BL	WH
		Fusion			27	GR	GR						7	1	BL	RD
		Fusion			28	GR	BR						8	1	BL	BK
		Fusion			29	GR	SL		29	1	GR	SL				
		Fusion			30	GR	WH		30	1	GR	WH				
		Fusion			31	GR	RD		31	1	GR	RD				

Splicing diagrams are available in the field or can be sent out to Field Tech or RE's in real-time.

3 GIS Mobile



←

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Structure/ Splice Closure - 1272

Splice closure:

From Feature: Fiber Cable - 2482

From Units: 13 - 144

Sequential: _____

To Feature: Fiber Cable - 2483

To Units: 13 - 144

Sequential: _____

Notes: Fusion

Max... Powered by Esri

📱 🗻 📶 5G 📶 31% 9:16 Fri, 9/30

The screenshot displays a mobile GIS application interface. On the left, a satellite map shows a residential area with a road and a river. A red line and a blue line represent fiber optic cables, meeting at a cyan-colored splice closure. On the right, a detail panel for 'Splice Closure - 1272' is shown. It includes fields for 'From Feature' (Fiber Cable - 2482), 'From Units' (13 - 144), 'Sequential', 'To Feature' (Fiber Cable - 2483), 'To Units' (13 - 144), and 'Sequential'. A 'Notes' field contains the text 'Fusion'. The bottom of the screen shows a standard Android navigation bar with icons for home, back, and search, along with system status icons for signal strength, 5G connectivity, and 31% battery at 9:16 on Friday, 9/30.

3-GIS | Web

3GIS/Telecom3GIS x Table of Contents x Info x Connection Manager x

3GIS/Telecom3GIS

6m
20ft

Telecom >
Maps >
Layouts >
Editing >
Output >

Table of Contents
Selection History
Relationship Management
Measure
Reporting
BOM
QAQC
Plotting
Query
Connection Manager
Feature Statistics
Work Orders
Draw
Splice Audit

Structure/Splice

Connection Manager

Detailed Existing Signal Trace **Connection Notes** Complement

Connection Note
(P)Connect From Fiber Cable:180 West / 14 / N side : To Fiber Cable:180 West / 13 / N side

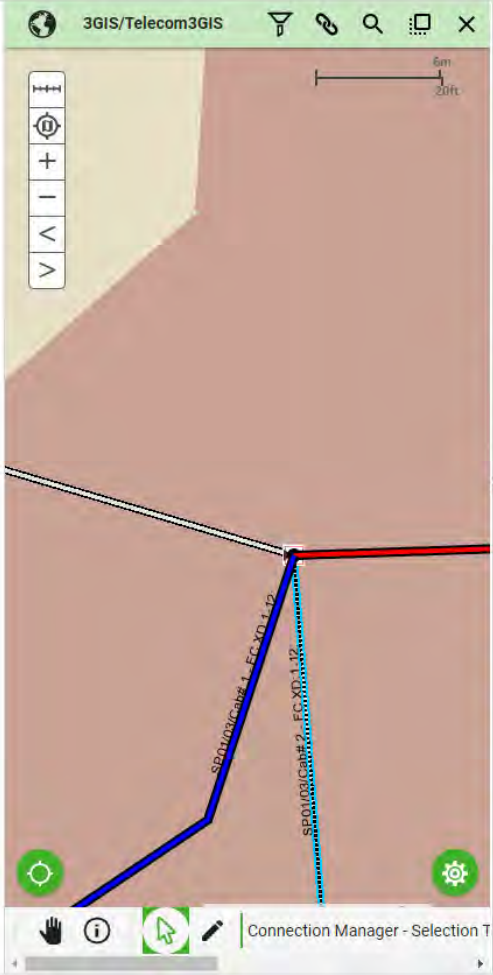
From Units: 13-144 To Units: 13-144

Notes: Fusion

CONNECT RESOLVE

Esri Community Maps Contributors, California State Par...

Connection Manager - Selection Type: [Icons]



Connection Manager

Structure/Splice
Splice Closure:1272

FIBERCABLE 180 West / 13 / N side(2483) | FIBERCABLE 180 West / 14 / N side(2482) | FIBERCABLE

Sequentials | Sequentials | Sequentials

Detailed | Existing | Signal Trace | Connection Notes | Compliments

fiber Range 13 (1) | fiber Range 13 (1)

From Buffer	From Fiber	To Feature	Splice Type	Tray #	To Buffer	To Fiber
2	13	Fiber Cable:180 West / 14 / N side	Fusion	1	2	13
2	14	Fiber Cable:180 West / 14 / N side	Fusion	1	2	14
2	15	Fiber Cable:180 West / 14 / N side	Fusion	1	2	15
2	16	Fiber Cable:180 West / 14 / N side	Fusion	1	2	16
2	17	Fiber Cable:180 West / 14 / N side	Fusion	1	2	17
2	18	Fiber Cable:180 West / 14 / N side	Fusion	1	2	18
2	19	Fiber Cable:180 West / 14 / N side	Fusion	1	2	19
2	20	Fiber Cable:180 West / 14 / N side	Fusion	1	2	20
2	21	Fiber Cable:180 West / 14 / N side	Fusion	1	2	21
2	22	Fiber Cable:180 West / 14 / N side	Fusion	1	2	22
2	23	Fiber Cable:180 West / 14 / N side	Fusion	1	2	23
2	24	Fiber Cable:180 West / 14 / N side	Fusion	1	2	24
3	25	Fiber Cable:180 West / 14 / N side	Fusion	1	3	25

Show Columns

Group

Right Of Way / Mile Marker



NDOT 3 GIS uses maps and features from information managed by other departments within NDOT.

3-GIS | Web

3GIS/Telecom3GIS x Table of Contents x

Table of Contents

Active View: 3GIS/Telecom3GIS

Layer List Layer Details

- Telecom3GIS
Opacity: 100%
- ROW
Opacity: 45%
- Mile Marker
Opacity: 2%
- StreetMan FSRI

FIB-0214 - FC XD 1-144

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Es

Telecom

Maps

Layouts

Editing

Output

Signal Trace

Smartmarks

Create Feature

Table of Contents

Selection History

Relationship Management

Measure

Reporting

BOM

QAQC

Plotting

Query

Connection Manager

Feature Statistics

Work Orders

3GIS/Telecom3GIS x Table of Contents x

Table of Contents

Active View: 3GIS/Telecom3GIS

Layer List Layer Details

- Telecom3GIS
Opacity: 100%
- ROW
Opacity: 72%
- Mile Marker
Opacity: 96%
- StreetMan ESRI

MM51-CH-Churchill County

MM50-CH-Churchill County

MM49-CH-Churchill County

MM48-CH-Churchill County

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (T...

The image shows a screenshot of a GIS application window. The main map area displays a satellite-style terrain map of a region in Churchill County. A vertical red line, representing a right-of-way (ROW), runs through the center of the map. Several labels are placed along this line, identifying specific segments: MM51-CH-Churchill County at the top, MM50-CH-Churchill County in the middle, MM49-CH-Churchill County below that, and MM48-CH-Churchill County at the bottom. A blue river or stream flows from the top right towards the bottom center of the map. On the left side, a 'Table of Contents' panel is open, showing a list of layers: 'Telecom3GIS' (100% opacity), 'ROW' (72% opacity), 'Mile Marker' (96% opacity), and 'StreetMan ESRI'. Each layer has a green toggle switch and a slider for opacity. The 'Mile Marker' layer has a 'Measure' button. At the top right of the map, there is a scale bar showing 0.6 km and 0.4 mi. The bottom right corner of the map area contains a small text string: 'Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (T...'. The application's interface includes a top navigation bar with a green header, a left sidebar with a tree view, and a bottom toolbar with various icons for navigation and editing.



Public Facing Content

Compliance with Federal Rules

Perspective Partners

Public Information

Easement

Easement is a finite resource often overlooked



Info

Activity Line (1)	Attributes	Summary
2060		
Activity_Rv	Field	Value
Address (C	Start Date	
Anchor Gu	End Date	
Areas (0)	Expiration Date	
ATTACHM	EDITTRACKINGDATE	04/29/2023 9:13:08 AM
Building (C	IPID	
Building O	shape.STLength()	5750.901749720526
Conduit (0)	objectid	2060
Fiber Cabl	THREEGISID	{B5288015-64EC-403B-AE4E-8C93198A7C51}
Fiber Equip	Status	Duct Available, Agreements are First Come First Serve
Pole (0)	Subtype Code	Sharing Duct Available
Riser (0)	Name	
Route (0)	Comments	For, More Information Contact TOTS at tofiber@dot.nv.gov for information and advantages of partnering with NDOT.
Slackloop	Activity Status	Joint Construction
Span (0)	Owner	
Span Coup	EDITTRACKINGUSER	NDOTgjs
Splice Clo:	GlobalID	{C58B907E-44E4-4BDE-BF12-A78C321A87BC}
Strand (0)	Source_Database	NDOT
Structure (shape	Polyline
Tie Cable	Easement Width	6 Ft
Fiber Cable (1)		
Span (4)		



Info

- Activity Line (1)
 - 2060
 - Activity_Record (0)
 - Address (0)
 - Anchor Guy (0)
 - Areas (0)
 - ATTACHMENTS (0)
 - Building (0)
 - Building Outline (0)
 - Conduit (0)
 - Fiber Cable (0)
 - Fiber Equipment (0)
 - Pole (0)
 - Riser (0)
 - Route (0)
 - Slackloop (0)
 - Span (0)
 - Span Coupler (0)
 - Splice Closure (0)
 - Strand (0)
 - Structure (0)
 - Tie Cable (0)
 - Fiber Cable (1)
 - Span (4)

Field	Value
Start Date	
End Date	
Expiration Date	
EDITTRACKINGDATE	04/29/2023 9:13:08 AM
IPID	
shape.STLength()	5750.901749720526
objectid	2060
THREEGISID	{B5288015-64EC-403B-AE4E-8C93198A7C51}
Status	Duct Available, Agreements are First Come First Serve
Subtype Code	Sharing Duct Available
Name	
Comments	For, More Information Contact TOTIS at tofiber@dot.nv.gov for Information and advantages of partnering with NDOT.
Activity Status	Joint Construction
Owner	NDOT
EDITTRACKINGUSER	NDOTgjis
GlobalID	{C58B907E-44E4-48DE-BF12-A78C321A87BC}
Source_Database	NDOT
shape	Polyline
Easement Width	6 Ft



Mile Marker and Naming Convention

Mile marker and Naming Convention are used for infrastructure identification.

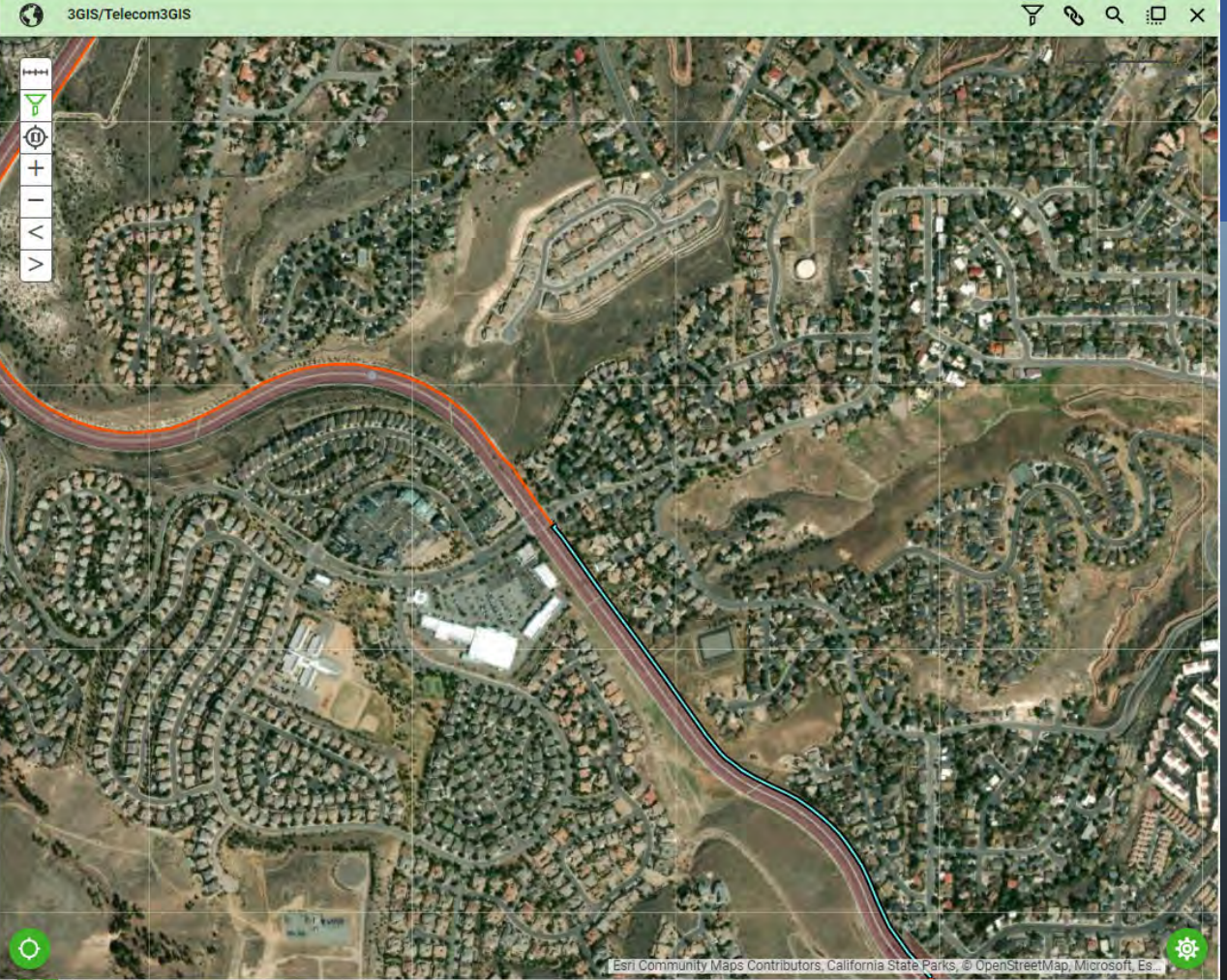
The screenshot displays a GIS application interface with the following components:

- Left Panel (Tree View):** A hierarchical tree view showing the structure of the data. The selected item is "144F SR659 MM4WA", which is highlighted in green. Other items include "Activity Line (1)", "Address (4)", "Fiber Cable (7)", "Fiber Equipment (4)", "MileMarker - CountyCum", "Pole (2)", "Slackloop (5)", "Span (9)", "Span Coupler (2)", "Splice Closure (2)", and "Structure (15)".
- Central Panel (Attribute Table):** A table showing the attributes of the selected feature. The table has columns for "Field" and "Value".
- Right Panel (Map View):** An aerial map showing a residential area with a fiber cable network overlaid. The selected cable is highlighted in orange and red.

Field	Value
Admin Counts	XD-1-144;
ATTENUATION	
Buffer Color Scheme	
Buffer Count	12
Cable Name	144F SR659 MM4WA
Cable Category	Backbone Fiber
TwistFactor	
Cable Type	ADSS (Medium)
Calculated Length	3515.43685808
Color Scheme	
Comments	
Contract Number	
Core Type	Non-Metallic
Created User	igibson@sdot.ny.gov
datecommissioned	
Date Created	04/26/2021 11:44:27 AM
Date Modified	04/25/2023 3:59:48 PM
Design ID	
Diameter	
ESTMMATTENUATION1310	
ESTSMATTENUATION1310	
ESTSMATTENUATION1550	
Fiber Count	144
Fibers Per Buffer	12
NonStandard Fiber Type	
From Sequential	
From Structure	
Installation Date	
INSTALLED BY	
Inventory Status Code	Installed, As-Built
Is Odd Count Front	Yes
Last User	igibson@sdot.ny.gov
level_begin	
level_end	

- ▶ Activity Line (1)
- ▶ Address (4)
- ▶ Fiber Cable (7)
 - ▶ 12F SR659 MM3WA
 - ▶ 12F SR659 MM3WA RTI
 - ▶ 12F SR659 MM4WA
 - ▶ 12F SR659 MM4WA RTI
 - ▶ 144F SR659 MM4WA
 - ▶ 144F SR659 MM4WA
 - ▶ 144F SR659 MM4WA
- ▶ Fiber Equipment (4)
- ▶ MileMarker - CountyCum
 - ▶ 3
 - ▶ 3
 - ▶ 4
 - ▶ 4
- ▶ Pole (2)
- ▶ Slackloop (5)
- ▶ Span (9)
- ▶ Span Coupler (2)
- ▶ Splice Closure (2)
- ▶ Structure (15)

Field	Value
Admin Counts	XD:1-144;
ATTENUATION	
Buffer Color Scheme	
Buffer Count	12
Cable Name	144F SR659 MM4WA
Cable Category	Backbone Fiber
TwistFactor	
Cable Type	ADSS (Medium)
Calculated Length	3515.43685808
Color Scheme	
Comments	
Contract Number	
Core Type	Non-Metallic
Creation User	lgibbs@dot.nv.gov
datecommissioned	
Date Created	04/24/2023 11:44:27 AM
Date Modified	04/25/2023 3:59:48 PM
Design ID	
Diameter	
ESTMMATTENUATION1310	
ESTSMATTENUATION1310	
ESTSMATTENUATION1550	
Fiber Count	144
Fibers Per Buffer	12
NonStandard Fiber Count	
From Sequential	
From Structure	
Installation Date	
INSTALLEDBY	
Inventory Status Code	Installed, As-Built
Is Odd Count Front	Yes
Last User	lgibbs@dot.nv.gov
level_begin	
level_end	

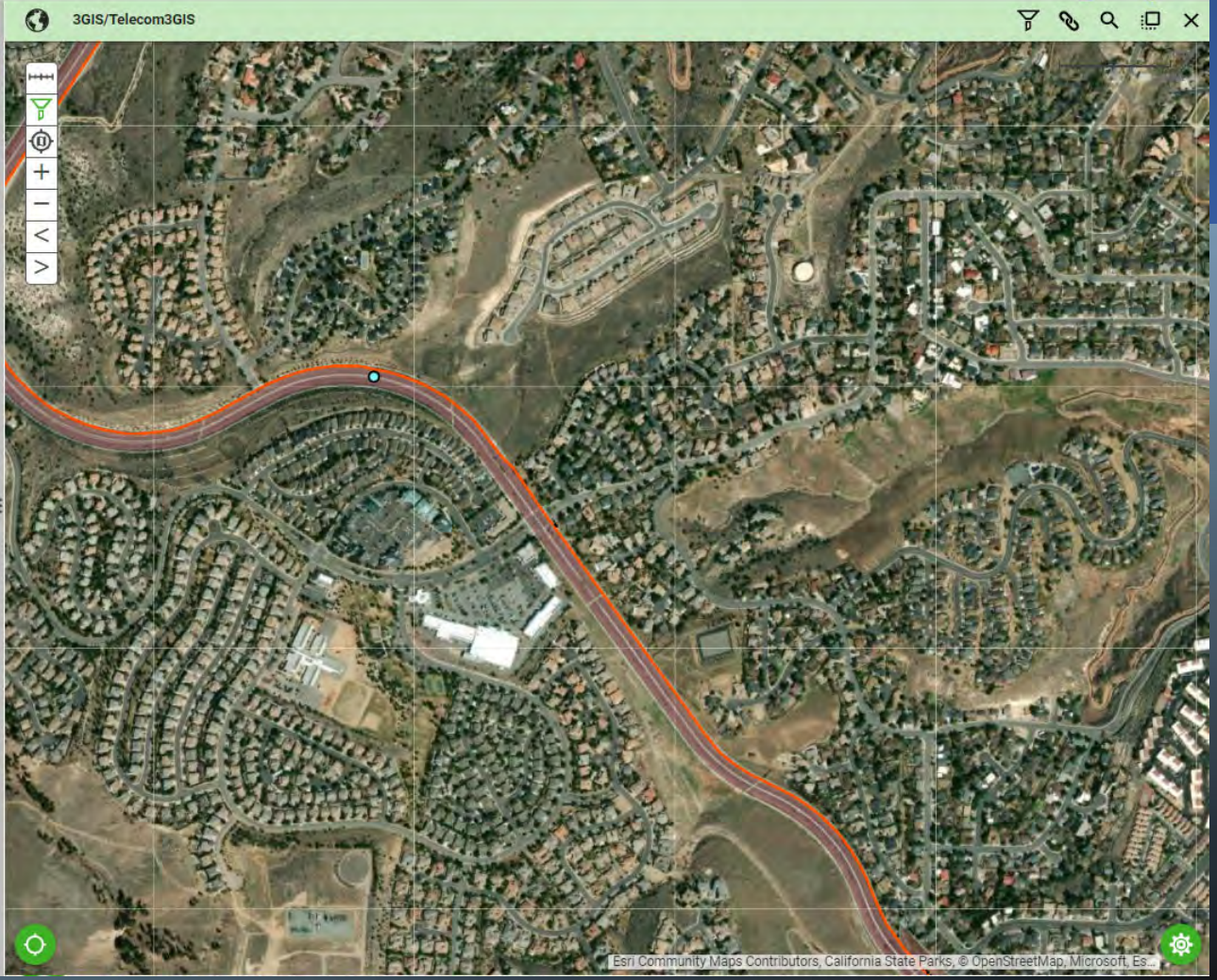


NDOT Cable Naming Convention

- Cable Type and Size = 144F
- Route, HWY or Interstate cable is located = SR659
- Mile Marker closest to the center of the cable = MM4WA
 - a. Mile Marker 4
 - b. Washoe County
- 144FSR659MM4WA

- ▶ Activity Line (1)
- ▶ Address (4)
- ▶ Fiber Cable (7)
 - ▶ 12F SR659 MM3WA
 - ▶ 12F SR659 MM3WA RTC
 - ▶ 12F SR659 MM4WA
 - ▶ 12F SR659 MM4WA RTC
 - ▶ 144F SR659 MM4WA
 - ▶ 144F SR659 MM4WA
 - ▶ 144F SR659 MM4WA
- ▶ Fiber Equipment (4)
- ▶ MileMarker - CountyCum (4)
 - ▶ 3
 - ▶ 3
 - ▶ 4
 - ▶ 4
- ▶ Pole (2)
- ▶ Slackloop (5)
- ▶ Span (9)
- ▶ Span Coupler (2)
- ▶ Splice Closure (2)
- ▶ Structure (15)

Field	Value
OBJECTID	1271432
FromDate	04/18/2018 5:00:00 PM
ToDate	05/21/2020 5:00:00 PM
EventID	{5C7AEA02-C093-4140-A997-F213F0F97F5E}
RouteID	11119WA
Measure	1.4083664
PostedSystem	03-State Highway
PostedCounty	WA-Washoe County
PostedMileage	4
PanelColor	1-White
DataSource	MileMarkersCountyCumulative_Final
DataYear	2017
LocError	NO ERROR
ReferentMethod	
ReferentLocation	
ReferentOffset	
created_user	
created_date	
last_edited_user	NBACON
last_edited_date	05/22/2020 2:20:52 PM
Shape	Point
PostedRoute	
GlobalID	{68436926-DA06-4A80-A608-2907234E29E6}





Public Facing User

NDOT Infrastructure
Sharing Program Publicly
Facing Page

Info

Activity Line (1)	Attributes	Summary
2060		
Activity_Rv	Field	Value
Address (C	Start Date	
Anchor Gu	End Date	
Areas (0)	Expiration Date	
ATTACHM	EDITTRACKINGDATE	04/29/2023 9:13:08 AM
Building (C	IPID	
Building O	shape.STLength()	5750.901749720526
Conduit (0)	objectid	2060
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Slackloop	Activity Status	Joint Construction
Span (0)	Owner	
Span Coup	EDITTRACKINGUSER	NDOTgjs
Splice Clo:	GlobalID	{C58B907E-44E4-4BDE-BF12-A78C321A87BC}
Strand (0)	Source_Database	NDOT
Structure (shape	Polyline
Tie Cable	Easement Width	6 Ft
Fiber Cable (1)		
Span (4)		



Telecom NDOT - Activity Line

NDOT Open Data
Nevada Department of Transportation

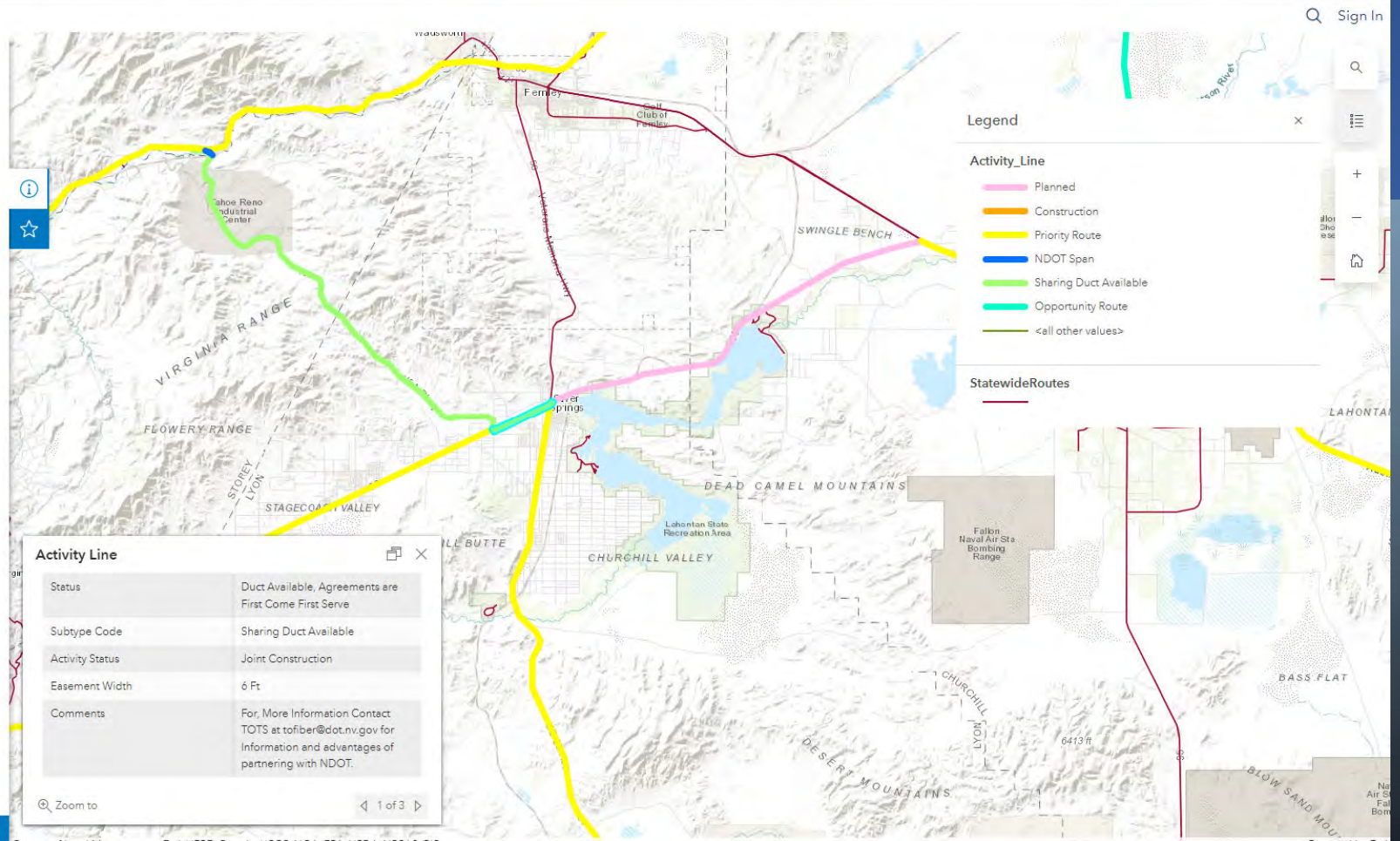
Summary

GeoHub Web Map containing NDOT Telecom Activity Line

[View Full Details](#)

Details

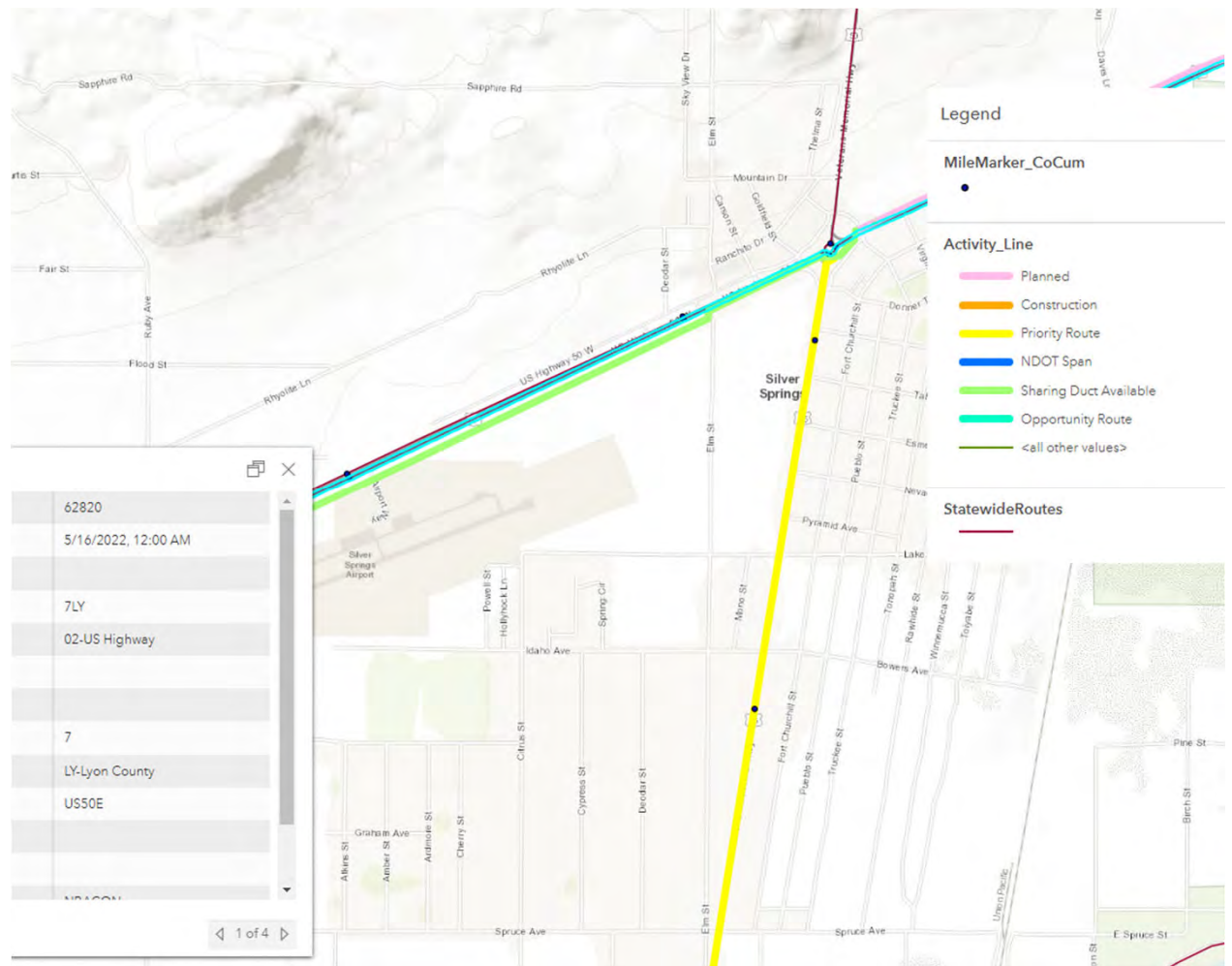
- Map**
Web Map
- April 24, 2023**
Date Updated
- February 16, 2023**
Published Date
- Public**
Anyone can see this content
- No License Provided**
Request permission to use



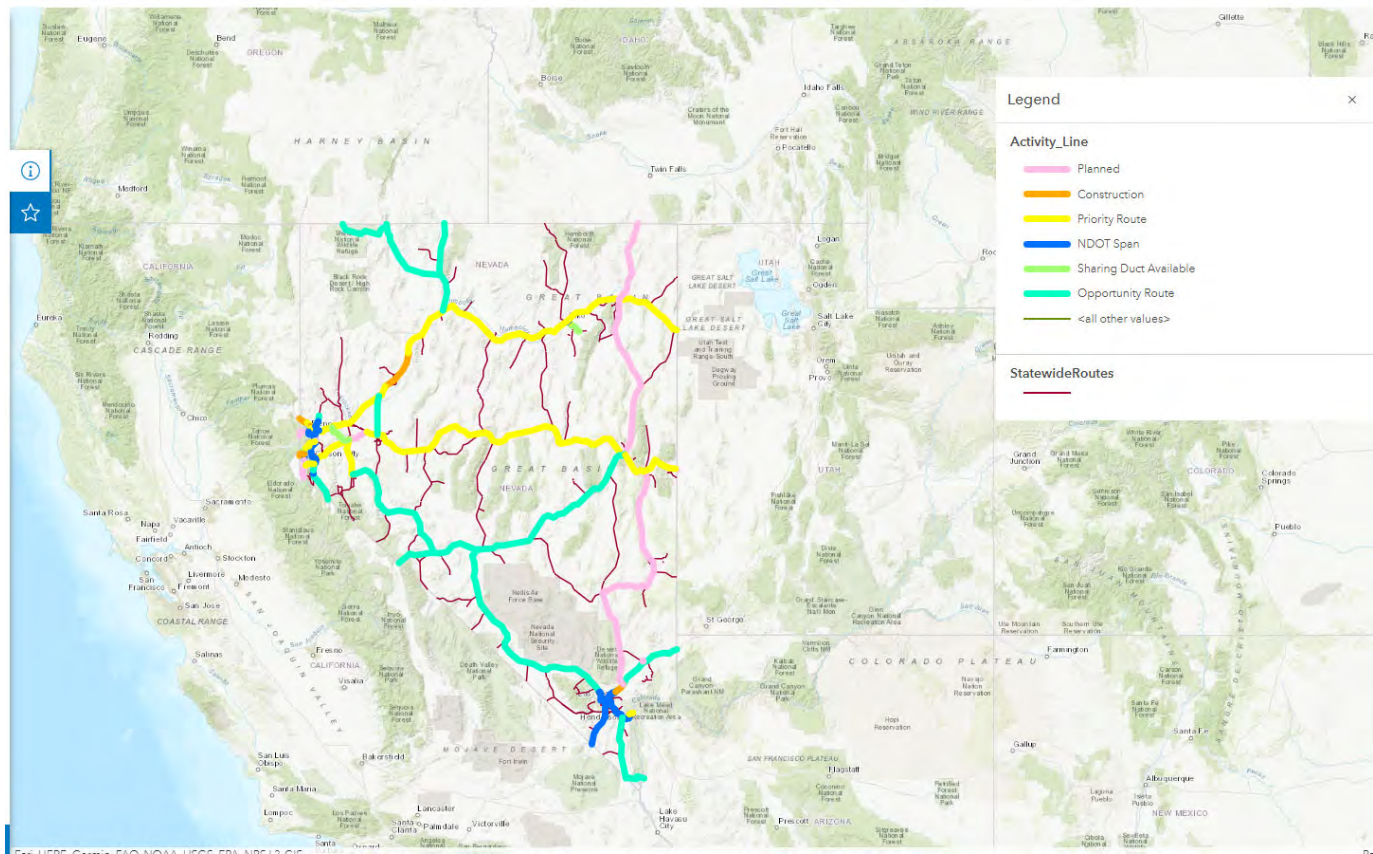
I want to use this

User can now request information using the Status, HWY and Mile Marker information obtained from the map.

Request for information



NDOT Public Facing Information Page





Thank You