



TAC Meeting

July 10, 2018

Carson City, Nevada



Nevada Governor's
Office of Science,
Innovation and
Technology





SB 53 - Update



Denise Inda
NDOT Traffic Operations



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SB 53 PROGRESS

Non-Interstate Routes

- ◆ **Non-interstate Policy**
- ◆ **Master Agreement**
- ◆ **Location Specific Agreement**
- ◆ **Telecom Infra. Request Form**



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SB 53 PROGRESS

Interstate Routes

- ◆ **Draft Interstate Regulations**
- ◆ **Submitted to LCB June 2018**
- ◆ **Formal Reg setting process**



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PARTNERING OPPORTUNITIES

- ◆ SR 439 Spare Conduit
- ◆ I 80 to US 50 Connectivity
- ◆ Other Locations



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SR 439 USA PARKWAY

- ◆ **Switch Conduit Sharing Agreement**
- ◆ **Switch Joint Build Encroachment Permits**
- ◆ **Other Joint Build/System Expansion Discussions**



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SR 439 USA PARKWAY



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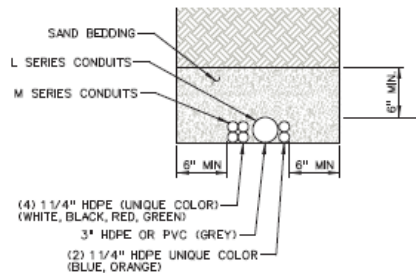




SR 439 USA PARKWAY

Calculation Summary – Switch on USA Parkway

This calculation pertains to One (1) spare one and one quarter inch (1 1/4") conduit and specifically, the red M Series conduit as illustrated in the project cross section below:



The conduit runs along and inside the SR-439 (USA Parkway) right-of-way from the intersection with US-50 to approximate engineer's station "USA" 696+35 for a total length of approximately thirteen (13) miles. The use of this conduit includes the proportionate use of the pull boxes installed with and integral to the conduit system.

This conduit system was installed through the Nevada Department of Transportation, Contract No. 3625, Change Order No. 09 with cost of \$4,660,519.00.

With seven (7) ducts installed, the constructed cost per duct is \$665,788.43.

We have applied two factors according to our Telecommunications Infrastructure Sharing Policy. The first factor estimates operations and maintenance (O&M) costs for the duration of the agreement. As this is and inground facility, maintenance is anticipated to be minimal and may include traffic related damage to pull boxes or covers and some general surface maintenance over the subject facility. The second factor is a geographic factor as specified in the language of SB-53 from the 2017 legislative session. Values have been established for both rural and urban (including outlying areas with a significant impact to an urban area) locations. These factors have been applied to the construction cost as follows:

$$\$665,788.00 \text{ (Construction Cost Per Duct)} \times 1.0 \% \text{ (O\&M Factor)} = \$6,657.88$$

$$\$665,788.00 \text{ (Construction Cost Per Duct)} \times 3.0 \% \text{ (Geographic Factor)} = \$19,973.65$$

The total cost per duct (rounded to the nearest dollar) for the agreement term (20 years) is **\$692,420.00**.



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CONTINUED EFFORTS

- ◆ **Fiber Management Position**
- ◆ **Infr. Sharing Agreements**



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