

**US 150 Nelson County
Parkway Drive to Beech Fork River
April 9 & April 23, 2019**

	Alternative #1 On Corridor (Red)	Alternative #2 Off Corridor (Yellow)	Alternative #3 Off Corridor (Magenta)	Alternative #4 Off Corridor (Green)
Length (ft.)	27,400	26,000	25,980	25,790
Maximum Grade %	6.76%	6.76%	4.00%	4.30%
Earthwork	\$10/CY	\$7/CY	\$6/CY	\$6/CY
Common Excavation (CY)	263,363	1,129,946	2,074,187	1,884,290
Embankment in Place (CY)	581,108	1,119,725	1,521,530	1,293,625
Net (cu yd.)	-317,745	10,221	552,657	590,665
Disturb Limits (acres)	96.44	126.69	140.27	135.82
Blueline Stream Crossings	5	5	5	5
Crop Land Impacts	LOW	MODERATE	MODERATE	MODERATE
Number of Parcels	122	57	49	55
Right of Way Acquisition (AC)	54	143	175	167
Easements (SF)	0	0	0	0
Residential Takings	1	3	5	7
Commercial Takings	0	1	0	0
Garage/Barns Takings	3	8	9	7
Maintenance of Traffic Impacts	HIGH	MODERATE	LOW	MODERATE
Utility Impacts	HIGH	MODERATE	LOW	MODERATE
Costs				
Right of Way	\$2,310,000	\$4,150,000	\$4,900,000	\$5,490,000
Utilities	\$3,310,000	\$1,310,000	\$730,000	\$700,000
Construction	\$26,870,000	\$28,280,000	\$33,750,000	\$33,130,000
25% Contingency	\$6,720,000	\$7,070,000	\$8,437,500	\$8,290,000
Total	\$39,210,000	\$40,810,000	\$47,820,000	\$47,610,000

Range of Alternatives and Typical Sections Considered

- **Alternative 1 (Red) – Improvements to Existing US 150**
 - 5-Lane Rural Typical Section – Parkway Drive to KY 605 N
 - 5-Lane Urban Typical Section – KY 605 N to KY 605 S
 - 3 Lane Urban Section -- KY 605 S to Botland Loop E
 - 2+1 (2 lanes + Passing lane) -- Botland Loop E to Beech Fork River

- **Alternative 2 (Yellow) – New Alignment North of Existing US 150**
 - 4-Lane Divided Roadway – Parkway Drive to KY 605 N
 - 2+1 (2 lanes + Passing lane) Initial / 4-Lane Divided Roadway Ultimate – Parkway Drive to Existing US 150 near McIntyre Lane
 - 2+1 (2 lanes + Passing lane) – McIntyre Lane to Beech Fork River along Existing US 150 Alignment

- **Alternative 3 (Magenta) – New Alignment North and South of Existing US 150**
 - 4-lane Divided Roadway – Parkway Drive to KY 605 N
 - 2+1 (2 lanes + Passing lane) Initial / 4-Lane Divided Roadway Ultimate – KY 605 N to Beech Fork River

- **Alternative 4 (Green) – Combination of Improving Existing US 150 and New Alignment**
 - 5-Lane Rural Typical Section – Parkway Drive to Mill Creek Lane along Existing US150
 - 4-Lane Divided Roadway – Mill Creek Lane to KY 605 N Approach on New Alignment
 - 2+1 (2 lanes + Passing Lane) Initial / 4-Lane Divided Roadway Ultimate – KY 605 N Approach to Beech Fork River on New Alignment