

From: BALLANTYNE_COMMONS_PY

To: E_I-485_OUTER_HY



ADA Survey Summary

Item Description	Quantity
1 Heavings less than 1"	55 EA
2 Heavings 1" or greater	1 EA
3 Uneven Heavings	0 EA
4 Heaving Clusters	7.828 SY
5 Sidewalk Joint Gaps	0 EA
6 Miscellaneous Obstruction	2 EA
7 Missing Sidewalk Obstruction	0 EA
8 Other Obstruction	0 EA
9 Pole Post Hydrant Obstruction	0 EA
10 Ponding Obstruction	0 EA
11 Sidewalk Joint Obstruction	0 EA
12 Sign Obstruction	0 EA
13 Storm Grate Obstruction	0 EA
14 Transit Obstruction	0 EA
15 Traffic Obstruction	0 EA
16 Tree Obstruction	0 EA
17 Utility Obstruction	0 EA
18 Vegetation Obstruction - Low	0 EA
19 Vegetation Obstruction - Overhead	0 EA
20 Commercial Entrance	9 EA
21 Residential Entrance	0 EA
22 Total Sidewalk Length Assessed	7165.048 LF
23 Average Sidewalk Width	65.333 IN
24 No Sidewalk on Block (Approx.)	0 LF
25 Missing Sidewalk Gaps (Approx.)	0 LF
26 Poor Surface Condition (Approx.)	0 LF
27 Buried Sidewalk (Approx.)	0 LF

ADA Compliance Cost Estimate *

Item Description	Quantity	Unit Price	Item Cost
1 Heavings less than 1"	18 EA	\$ 100.00	\$ 1800.00
2 Heavings 1" or greater	0 EA	\$ 400.00	\$ 0.00
3 Uneven Heavings	0 EA	\$ 400.00	\$ 0.00
4 Heaving Clusters	0 SY	\$ 75.00	\$ 0.00
5 Sidewalk Joint Gaps	0 EA	\$ 200.00	\$ 0.00
6 Miscellaneous Obstruction	2 EA	\$ 1500.00	\$ 3000.00
7 Missing Sidewalk Obstruction	0 EA	\$ 200.00	\$ 0.00
8 Other Obstruction	0 EA	\$ 500.00	\$ 0.00
9 Pole Post Hydrant Obstruction	0 EA	\$ 5000.00	\$ 0.00
10 Ponding Obstruction	0 EA	\$ 400.00	\$ 0.00
11 Sidewalk Joint Obstruction	0 EA	\$ 100.00	\$ 0.00
12 Sign Obstruction	0 EA	\$ 150.00	\$ 0.00
13 Storm Grate Obstruction	0 EA	\$700.00	\$ 0.00
14 Transit Obstruction	0 EA	\$500.00	\$ 0.00
15 Traffic Obstruction	0 EA	\$2000.00	\$ 0.00
16 Tree Obstruction	0 EA	\$500.00	\$ 0.00
17 Utility Obstruction	0 EA	\$1500.00	\$ 0.00
18 Vegetation Obstruction - Low	0 EA	\$150.00	\$ 0.00
19 Vegetation Obstruction - Overhead	0 EA	\$150.00	\$ 0.00
20 Commercial Entrance (within slope violation)	9 EA	\$ 5000.00	\$ 45000.00
21 Residential Entrance (within slope violation)	0 EA	\$ 3000.00	\$ 0.00
22 Running Slope Violations**	36.133 SY	\$ 75.00	\$ 2710.00
23 Cross Slope Violations	1844.509 SY	\$ 75.00	\$ 138338.00
24 Running and Cross Slope Violations	108.981 SY	\$ 75.00	\$ 8174.00
25 Missing Sidewalk Gaps (Approx.)	0 LF	\$ 41.67	\$ 0.00
26 Poor Surface Condition (Approx.)	0 LF	\$ 41.67	\$ 0.00
27 Buried Sidewalk (Approx.)	0 LF	\$ 41.67	\$ 0.00

Sidewalk SubTotal: \$ 199022.00

Intersection Inventory & Compliance Cost Estimate

Item Description	Total Count	Non Compliant Count	Cost
Curb Ramps	33	33	\$ 65350.00
Island Curb Cuts	4	4	\$ 12000.00
Signal Push Buttons	15	15	\$ 10400.00
Transit Stops	2	2	\$ 8100.00
Railroad Crossings	0	0	\$ 0.00
Accessible Parking Spaces	0	0	\$ 0.00
Intersection SubTotal:			\$ 95850.00

Corridor Total: \$ 294872.00

Curb Ramps - Compliant	Curb Ramps - Adjacent
Curb Ramps - Non Compliant	
Island Curb Cuts - Compliant	Island Curb Cuts - Adjacent
Island Curb Cuts - Non Compliant	
Signals - Compliant	Signals - Adjacent
Signals - Non Compliant	
Transit Stops - Compliant	Transit Stops - Adjacent
Transit Stops - Non Compliant	
Railroad Crossings - Compliant	Railroad Crossings - Adjacent
Railroad Crossings - Non Compliant	
Accessible Parking - Compliant	Accessible Parking - Adjacent
Accessible Parking - Non Compliant	

Heavings < 1" (Excluded)***	Heavings < 1"
Heavings ≥ 1" (Excluded)***	Heavings ≥ 1"
Uneven Heaving (Excluded)***	Uneven Heaving
Heaving Clusters (Excluded)	Heaving Clusters
Sidewalk Joint Gap (Excluded)***	Sidewalk Joint Gap
Miscellaneous Obstruction	Commercial Entrance
Missing Sidewalk Obstruction	Residential Entrance
Other Obstruction	Commercial Entrance (within slope violation)
Pole Post Hydrant Obstruction	Residential Entrance (within slope violation)
Ponding Obstruction	
Sidewalk Joint Obstruction	
Sign Obstruction	
Storm Grate Obstruction	
Transit Obstruction	
Traffic Obstruction	
Tree Obstruction	
Utility Obstruction	
Vegetation Obstruction - Low	
Vegetation Obstruction - Overhead	
Sidewalk Collection Path	
Adjacent Sidewalk Collection Path	
Buried Sidewalk	
Sidewalk Not Surveyed	
Missing Sidewalk Gap	
No Sidewalk on Block	

Cross Slope	
2 - 3%	7.01 - 8%
3.01 - 4%	8.01 - 9%
4.01 - 5%	9.01 - 10%
5.01% - 6%	10.01 - 12%
6.01 - 7%	> 12%

Running Slope	
5 - 8.33%	
8.34% - 10%	
10.01 - 12.5%	
> 12.5%	

*Note: ADA pedestrian issues have been identified and quantified in the ADA Survey Summary. There are instances where multiple issues can be resolved with a single corrective measure. The ADA Compliance Cost Estimate reflects the best estimation of quantities and cost to resolve all identified ADA issues.
**Note: Additional investigation may be warranted when sidewalk running slope issues exist within the right-of-way.
***Note: Excluded items are violations that occur in areas with slope violations and have been excluded from the cost estimate.