

Appendix D – Visibility of Existing and Potential New and/or Relocated Towers from Primary and Secondary Views in High Visitor Use Areas

Table D.1: Visibility of Existing Towers and Potential New and/or Relocated Towers from High Visitor Use, Surveyed Views

| | Location | View | Visibility of Existing Telecommunications Infrastructure | | | | | | Impacts from Alternative B | |
|---|-------------------------------------|--|--|----------------------------------|-------------------------|----------------------------|----------------------------|------------------------|----------------------------|--|
| | | | Radio Tower near Hopi FO | Other facilities at Hopi Fire LO | South Rim Village Tower | Radio Tower at Station One | Radio Tower at Desert View | Radio Tower at CC Hill | | |
| South Rim Developed Area: Along West Rim Trail | Hermit's Rest | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| | The Abyss Overlook | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon; includes side canyon) | VNC | VNC | NV | NV | NV | NV | yes | <ul style="list-style-type: none">One new tower; visible, but not conspicuousRemoval of some infrastructure |
| | Hopi Point | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon) | VC | NV | NV | NV | NV | NV | no | <ul style="list-style-type: none">One new tower; visible and conspicuous |
| | Powell Memorial | Primary (expansive views of canyon, includes some development along rim) | VC | NV | NV | NV | NV | NV | yes | <ul style="list-style-type: none">One new tower; visible and conspicuousRemoval of some infrastructure |
| | | Secondary (away from canyon) | VC | VC | NV | NV | NV | NV | yes | <ul style="list-style-type: none">One new tower; visible and conspicuousRemoval of some infrastructure |
| | Trailview Overlook | Primary (toward canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon) | NV | NV | VNC | VND | NV | NV | yes | <ul style="list-style-type: none">One to two new towers; visible, but not conspicuous |
| South Rim Developed Area: Along West Rim Trail | Bright Angel Lodge Train Staircase* | Primary (of NHLD: Powerhouse Area) | NV | NV | VC | NV | NV | NV | yes | <ul style="list-style-type: none">One to two new towers; visible, but not conspicuousPotential removal of one tower that is visible and conspicuous |
| | Lookout Studio | Primary (toward canyon) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| | | Secondary (away from canyon; toward NHLD) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| | El Tovar Flag Pole | Primary (expansive views of canyon) | VNC | VNC | NV | NV | NV | NV | no | <ul style="list-style-type: none">One new tower; visible, but not conspicuousRemoval of some infrastructure |
| Secondary (away from canyon and toward NHLD) | | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated | |

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|-------------------------------|--|--|----------------------------------|-------------------------|----------------------------|----------------------------|------------------------|--------------------------|--|
| | | Radio Tower near Hopi FO | Other facilities at Hopi Fire LO | South Rim Village Tower | Radio Tower at Station One | Radio Tower at Desert View | Radio Tower at CC Hill | Other Buildings Visible? | |
| Yavapai Geology Museum | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| Mather Point | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| Pipe Creek Overlook | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| South Kaibab Trail | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| Yaki Point | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (includes side canyons, facing west) | VND | NV | NV | NV | NV | NV | no | <ul style="list-style-type: none"> One new tower; visible but not distinguishable |
| Shoshone Point | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| Grandview Overlook | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| Grandview Fire Tower | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| Moran Point | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |

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|--|--------------------------|---|--|----------------------------------|-------------------------|----------------------------|----------------------------|------------------------|----------------------------|---|
| | | | Radio Tower near Hopi FO | Other facilities at Hopi Fire LO | South Rim Village Tower | Radio Tower at Station One | Radio Tower at Desert View | Radio Tower at CC Hill | Other Buildings Visible? | |
| Desert View Developed Area and Hwy 67 Corridor | Lipan Point | Primary (toward canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (includes side canyons; primarily away from canyon) | NV | NV | NV | NV | VNC | NV | no | • One new tower; visible, but not conspicuous |
| | Navajo Point | Primary (toward canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (includes side canyons; primarily away from canyon) | NV | NV | NV | NV | VNC | NV | no | • One new tower; visible, but not conspicuous |
| | Desert View Amphitheatre | Primary (toward canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (toward historic district; away from canyon) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| North Rim Developed Area and Hwy 64 Corridor | Desert View Watchtower | Primary (toward canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (toward historic district; away from canyon) | NV | NV | NV | NV | VC | NV | yes | • One new tower; visible and conspicuous |
| | North Rim Entrance Sign* | Primary (of Entrance Sign) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |
| | Bright Angel Point | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (toward historic district; includes side canyon) | NV | NV | NV | NV | NV | VNC | yes | • One new tower; visible, but not conspicuous |
| | Cape Final | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Cape Royal | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | Point Imperial | Primary (expansive views of canyon) | NV | NV | NV | NV | NV | NV | no | No Impacts Anticipated |
| | | Secondary (away from canyon and within general vicinity) | NV | NV | NV | NV | NV | NV | yes | No Impacts Anticipated |

NV: Not Visible

VND: Visible, but not Distinguishable (Need to know what you are looking for.)

VNC: Visible, but not Conspicuous (May be visible, but does not overshadow everything.)

VC: Visible and Conspicuous (May be considered obtrusive by some.)

*There are no views of the canyon from this location; no secondary view included