ASR-03 & ASR-04
router bgp 65502
bgp router-id 192.168.6.55
bgp log-neighbor-changes
redistribute ospf 100 route-map SITEA->SiteB
neighbor 192.168.195.251 remote-as 65501
neighbor 192.168.195.252 remote-as 65501

Router ospf 100
router-id 192.168.6.55
redistribute static metric-type 1 subnets
redistribute bgp 65502 metric-type 1 subnets
passive-interface default
no passive-interface GigabitEthernet0/0/0
no passive-interface GigabitEthernet0/0/1
no passive-interface Port-channel10
network 192.168.3.0 0.0.0.3 area 699
network 192.168.3.8 0.0.0.3 area 699
network 192.168.6.55 0.0.0.0 area 699
network 192.168.195.56 0.0.0.7 area 699

ASR-01 & ASR-02
router bgp 65501
bgp router-id 192.168.99.200
bgp log-neighbor-changes
redistribute ospf 1 route-map SNEY->YORK
neighbor 192.168.195.249 remote-as 65502
neighbor 192.168.195.250 remote-as 65502

router ospf 1
router-id 192.168.99.200
auto-cost reference-bandwidth 10000
area 0 authentication message-digest
timers throttle spf 10 100 5000
timers throttle lsa 10 100 5000
timers lsa arrival 80
redistribute bgp 65501 metric-type 1 subnets
passive-interface default
no passive-interface GigabitEthernet0/0/0
no passive-interface GigabitEthernet0/0/1
no passive-interface Port-channel10

External Sites default route
to the PE Router

External Site2   **External Site1**

ASxx1   **MPLS WAN**   ASxx3

P Router **ASR920**   P Router **ASR920**

Advertise Local Routes and
default route (For Internet Traffic)

Redistribute Remote Routes from
BGP

Advertise Local Routes and
default route (For Internet Traffic)

Redistribute Remote Routes from
BGP

ASxx2   **AS65002**   **AS65001**   **ASxx4**

Internet

ASR-03 .249
ASR-04 .250

P2P MPLS

ASR-01 .252
ASR--02 .251

Internet

OSPF 100 Area 0   **OSPF 100 Area 0**

Site A and B route to each other via the P2P MPLS

REDISTRIBUTE OSPF 100 INTO BGP
ROUTE-MAP **SITEA->SITEB**

REDISTRIBUTE
BGP 65002 INTO OSPF 100
metric-type 1

REDISTRIBUTE OSPF 100 INTO BGP
ROUTE-MAP **SITEB->SITEA**

REDISTRIBUTE
BGP 65002 INTO OSPF 100
metric-type 1