

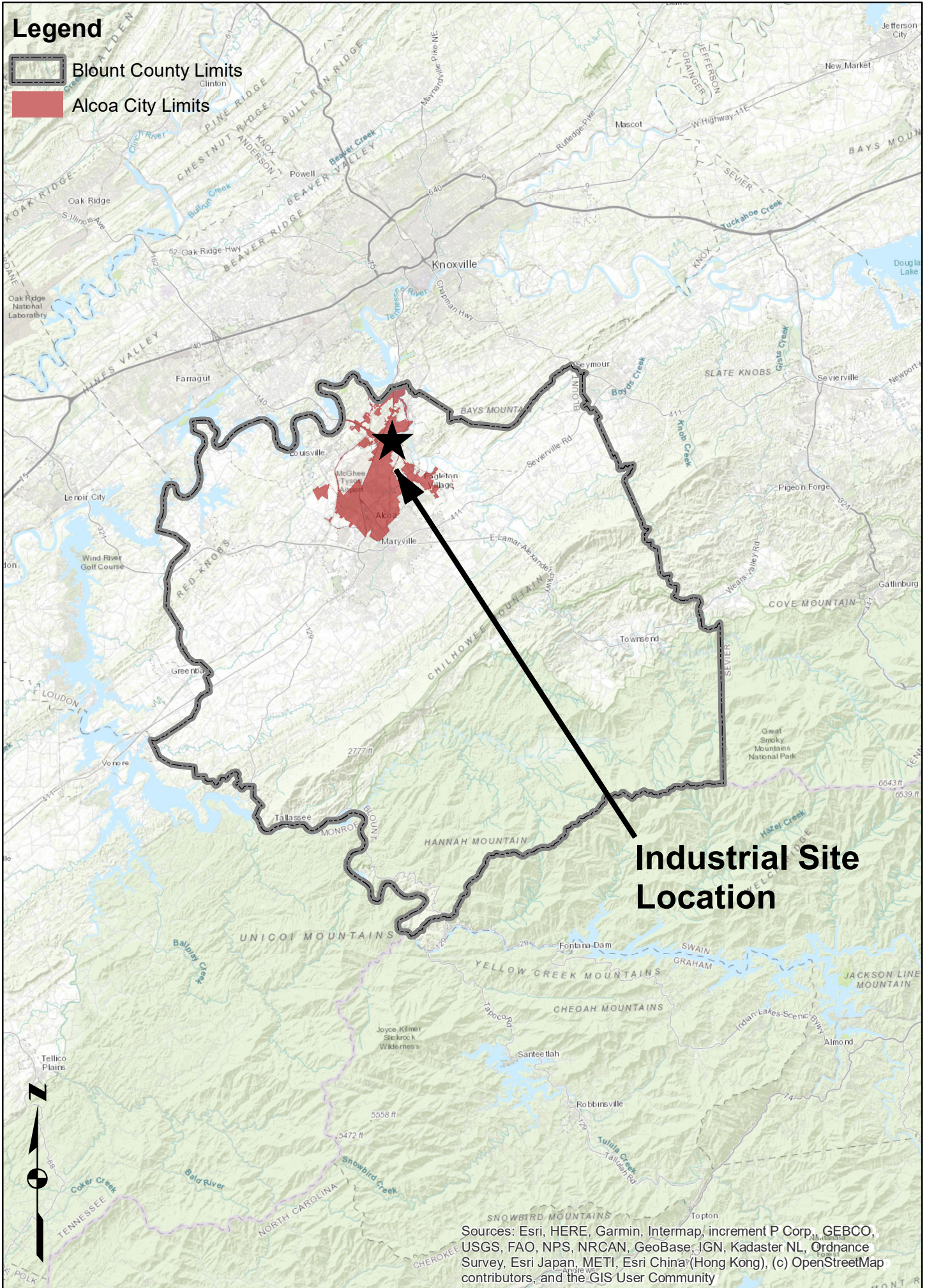


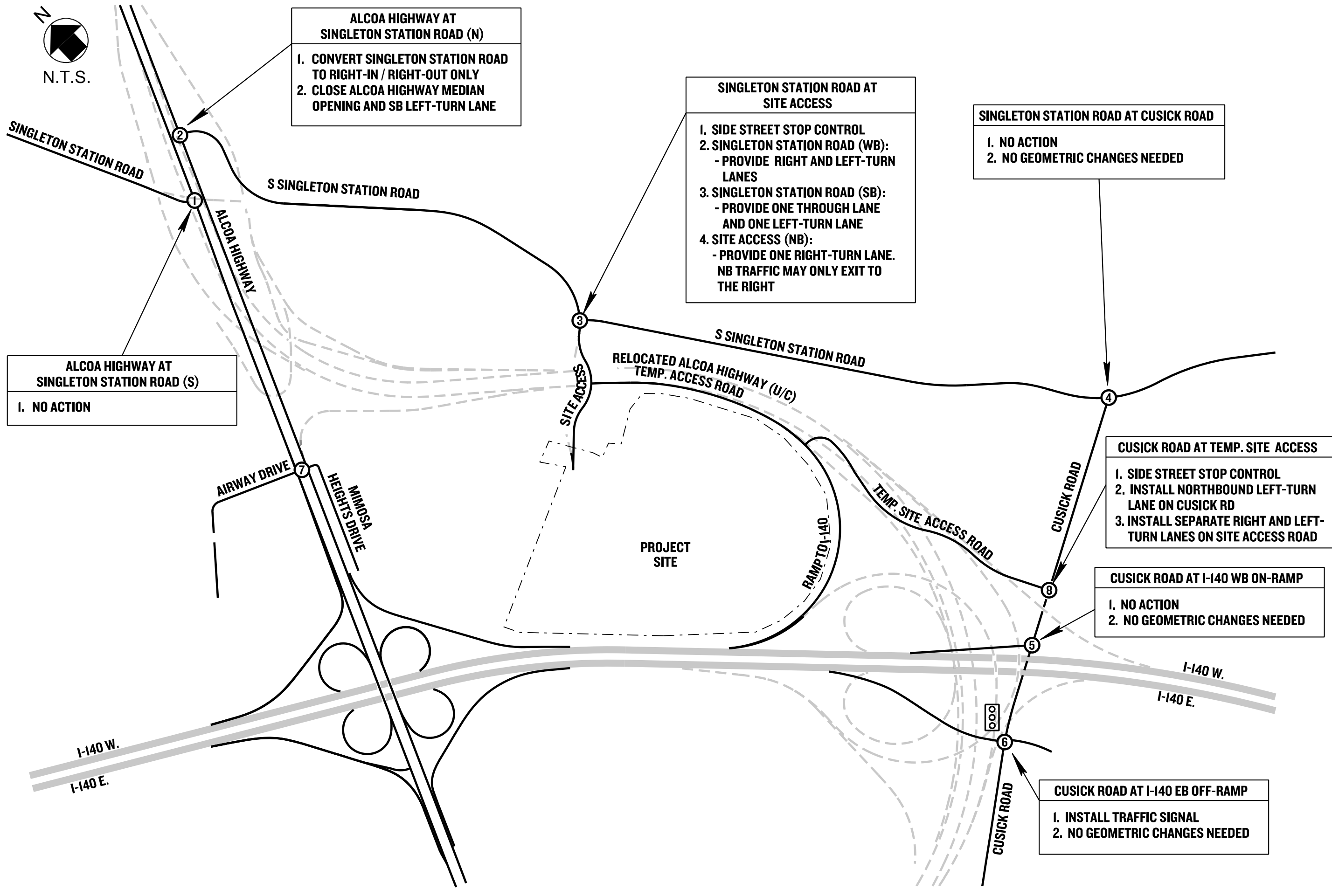
# Legend

-  Blount County Limits
-  Alcoa City Limits



**Industrial Site Location**

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



**ALCOA HIGHWAY AT SINGLETON STATION ROAD (N)**

1. CONVERT SINGLETON STATION ROAD TO RIGHT-IN / RIGHT-OUT ONLY
2. CLOSE ALCOA HIGHWAY MEDIAN OPENING AND SB LEFT-TURN LANE

**SINGLETON STATION ROAD AT SITE ACCESS**

1. SIDE STREET STOP CONTROL
2. SINGLETON STATION ROAD (WB):  
- PROVIDE RIGHT AND LEFT-TURN LANES
3. SINGLETON STATION ROAD (SB):  
- PROVIDE ONE THROUGH LANE AND ONE LEFT-TURN LANE
4. SITE ACCESS (NB):  
- PROVIDE ONE RIGHT-TURN LANE. NB TRAFFIC MAY ONLY EXIT TO THE RIGHT

**SINGLETON STATION ROAD AT CUSICK ROAD**

1. NO ACTION
2. NO GEOMETRIC CHANGES NEEDED

**ALCOA HIGHWAY AT SINGLETON STATION ROAD (S)**

1. NO ACTION

**CUSICK ROAD AT TEMP. SITE ACCESS**

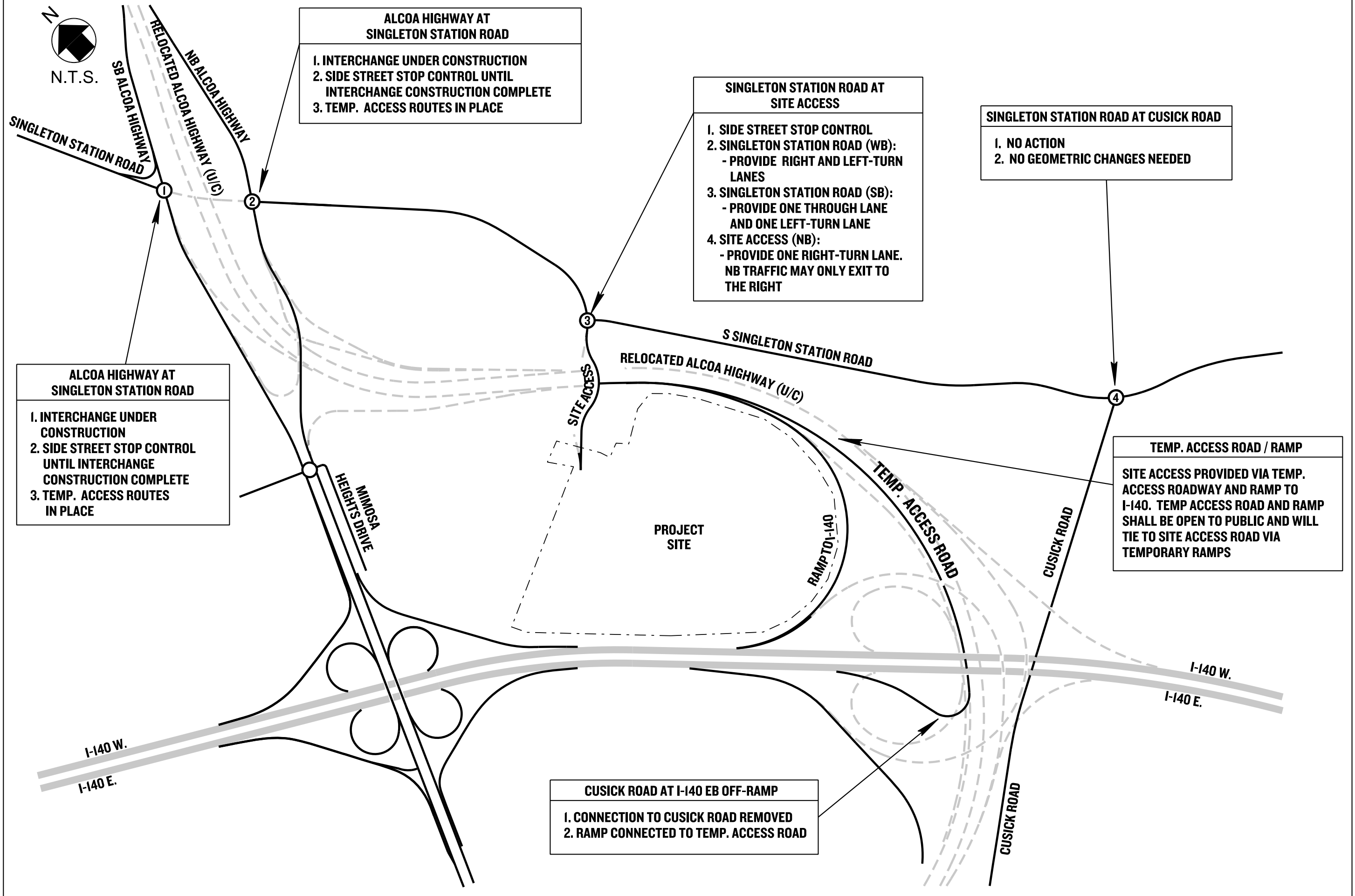
1. SIDE STREET STOP CONTROL
2. INSTALL NORTHBOUND LEFT-TURN LANE ON CUSICK RD
3. INSTALL SEPARATE RIGHT AND LEFT-TURN LANES ON SITE ACCESS ROAD

**CUSICK ROAD AT I-140 WB ON-RAMP**

1. NO ACTION
2. NO GEOMETRIC CHANGES NEEDED

**CUSICK ROAD AT I-140 EB OFF-RAMP**

1. INSTALL TRAFFIC SIGNAL
2. NO GEOMETRIC CHANGES NEEDED



**ALCOA HIGHWAY AT SINGLETON STATION ROAD**

1. INTERCHANGE UNDER CONSTRUCTION
2. SIDE STREET STOP CONTROL UNTIL INTERCHANGE CONSTRUCTION COMPLETE
3. TEMP. ACCESS ROUTES IN PLACE

**SINGLETON STATION ROAD AT SITE ACCESS**

1. SIDE STREET STOP CONTROL
2. SINGLETON STATION ROAD (WB):  
- PROVIDE RIGHT AND LEFT-TURN LANES
3. SINGLETON STATION ROAD (SB):  
- PROVIDE ONE THROUGH LANE AND ONE LEFT-TURN LANE
4. SITE ACCESS (NB):  
- PROVIDE ONE RIGHT-TURN LANE. NB TRAFFIC MAY ONLY EXIT TO THE RIGHT

**SINGLETON STATION ROAD AT CUSICK ROAD**

1. NO ACTION
2. NO GEOMETRIC CHANGES NEEDED

**ALCOA HIGHWAY AT SINGLETON STATION ROAD**

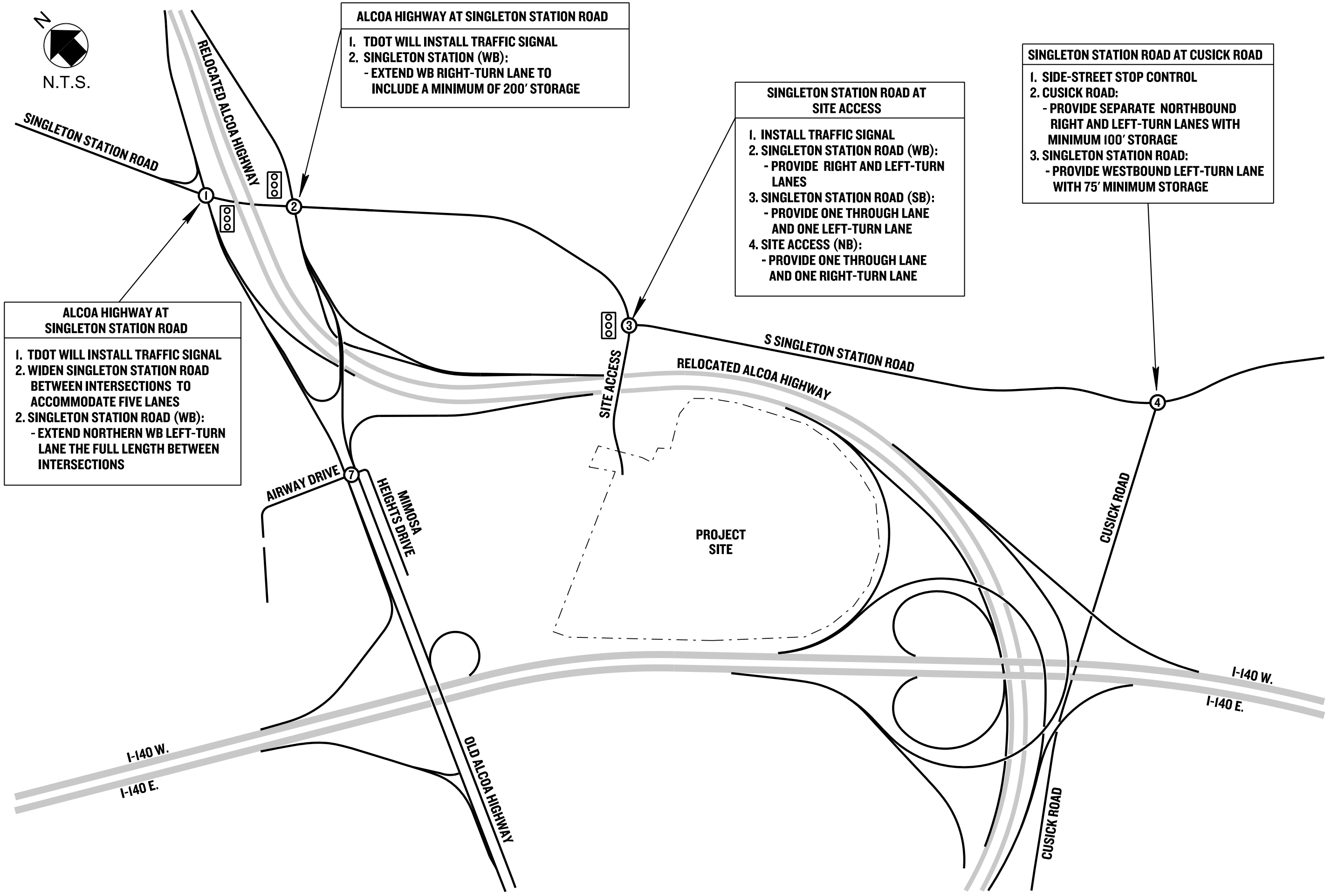
1. INTERCHANGE UNDER CONSTRUCTION
2. SIDE STREET STOP CONTROL UNTIL INTERCHANGE CONSTRUCTION COMPLETE
3. TEMP. ACCESS ROUTES IN PLACE

**TEMP. ACCESS ROAD / RAMP**

SITE ACCESS PROVIDED VIA TEMP. ACCESS ROADWAY AND RAMP TO I-140. TEMP ACCESS ROAD AND RAMP SHALL BE OPEN TO PUBLIC AND WILL TIE TO SITE ACCESS ROAD VIA TEMPORARY RAMPS

**CUSICK ROAD AT I-140 EB OFF-RAMP**

1. CONNECTION TO CUSICK ROAD REMOVED
2. RAMP CONNECTED TO TEMP. ACCESS ROAD



**ALCOA HIGHWAY AT SINGLETON STATION ROAD**

1. TDOT WILL INSTALL TRAFFIC SIGNAL
2. SINGLETON STATION (WB):  
- EXTEND WB RIGHT-TURN LANE TO INCLUDE A MINIMUM OF 200' STORAGE

**SINGLETON STATION ROAD AT CUSICK ROAD**

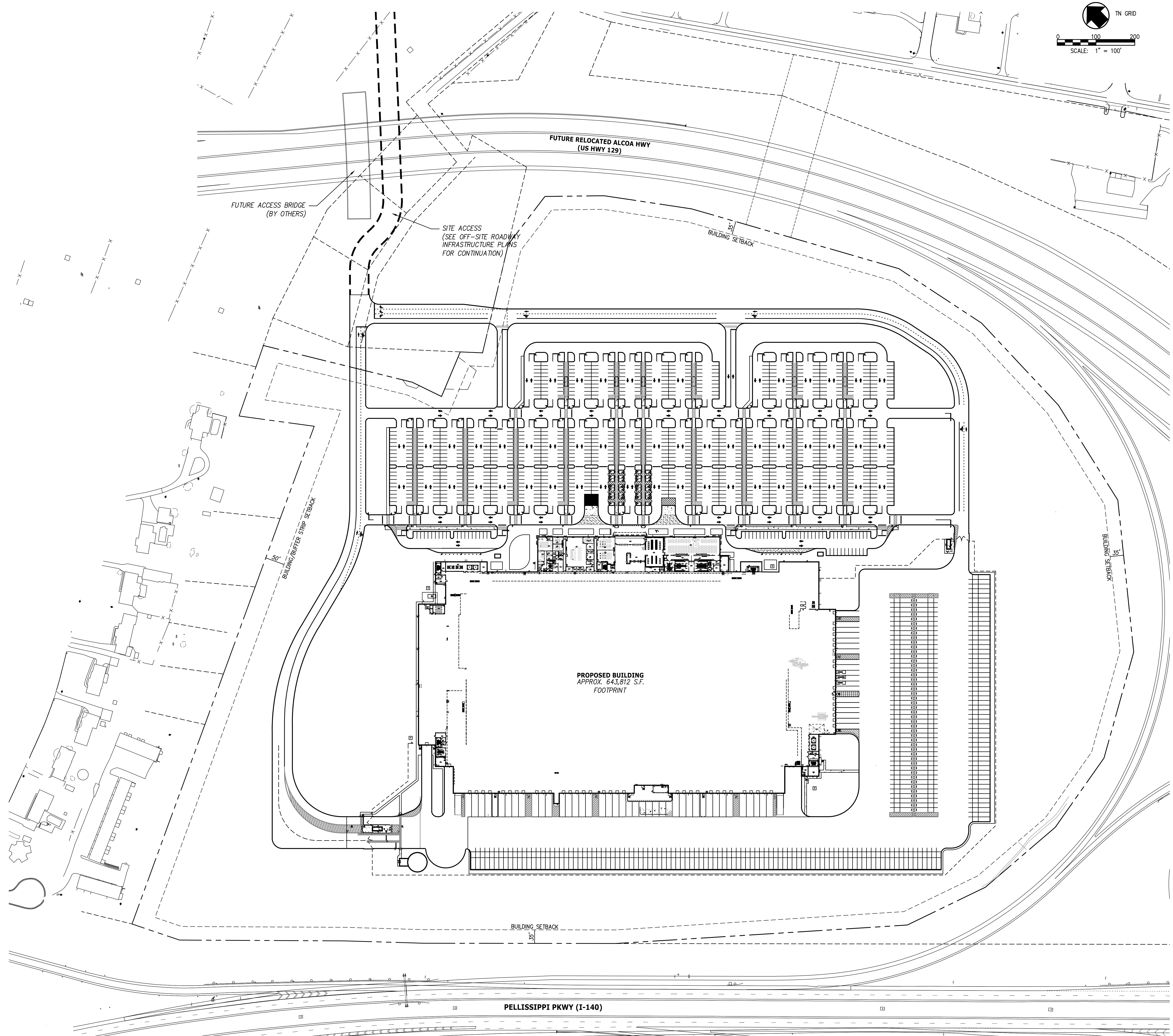
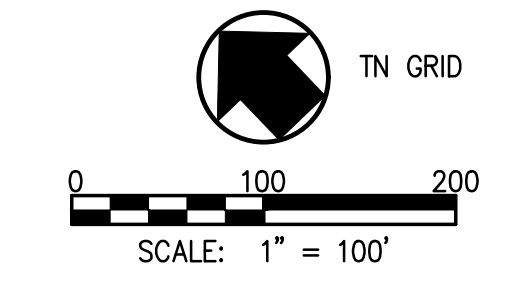
1. SIDE-STREET STOP CONTROL
2. CUSICK ROAD:  
- PROVIDE SEPARATE NORTHBOUND RIGHT AND LEFT-TURN LANES WITH MINIMUM 100' STORAGE
3. SINGLETON STATION ROAD:  
- PROVIDE WESTBOUND LEFT-TURN LANE WITH 75' MINIMUM STORAGE

**SINGLETON STATION ROAD AT SITE ACCESS**

1. INSTALL TRAFFIC SIGNAL
2. SINGLETON STATION ROAD (WB):  
- PROVIDE RIGHT AND LEFT-TURN LANES
3. SINGLETON STATION ROAD (SB):  
- PROVIDE ONE THROUGH LANE AND ONE LEFT-TURN LANE
4. SITE ACCESS (NB):  
- PROVIDE ONE THROUGH LANE AND ONE RIGHT-TURN LANE

**ALCOA HIGHWAY AT SINGLETON STATION ROAD**

1. TDOT WILL INSTALL TRAFFIC SIGNAL
2. WIDEN SINGLETON STATION ROAD BETWEEN INTERSECTIONS TO ACCOMMODATE FIVE LANES
2. SINGLETON STATION ROAD (WB):  
- EXTEND NORTHERN WB LEFT-TURN LANE THE FULL LENGTH BETWEEN INTERSECTIONS



PELLISSIPPI PKWY (I-140)

PROPOSED BUILDING  
APPROX. 643,812 S.F.  
FOOTPRINT

FUTURE RELOCATED ALCOA HWY  
(US HWY 129)

FUTURE ACCESS BRIDGE  
(BY OTHERS)

SITE ACCESS  
(SEE OFF-SITE ROADWAY  
INFRASTRUCTURE PLANS  
FOR CONTINUATION)

BUILDING/BUFFER STRIP  
SETBACK

BUILDING SETBACK

BUILDING  
SETBACK

BUILDING SETBACK

# COST ESTIMATE SUMMARY

Route:	Project Pearl - Singleton Station Road
Description:	Widen to 3 Lane Rural Ditch, 6' Full Depth Shoulders Includes new tie in for Singleton Station and Future Bridge App. EW
Project Type of Work:	Construction-New
County:	Blount
Length:	0.96 Miles
Date:	October 2, 2020
Estimate Type:	Concept



DESCRIPTION	LOCAL	STATE	FEDERAL	TOTAL
	0%	100%	0%	
<b>Construction Items</b>				
Removal Items	\$0	\$322,000	\$0	\$322,000
Asphalt Paving	\$0	\$1,630,000	\$0	\$1,630,000
Concrete Pavement	\$0	\$0	\$0	\$0
Drainage	\$0	\$165,000	\$0	\$165,000
Appurtenances	\$0	\$0	\$0	\$0
Structures	\$0	\$0	\$0	\$0
Fencing	\$0	\$0	\$0	\$0
Signalization & Lighting	\$0	\$250,000	\$0	\$250,000
Railroad Crossing	\$0	\$0	\$0	\$0
Earthwork	\$0	\$2,650,000	\$0	\$2,650,000
Clearing and Grubbing	\$0	\$0	\$0	\$0
Seeding & Sodding	\$0	\$25,400	\$0	\$25,400
Rip-Rap or Slope Protection	\$0	\$0	\$0	\$0
Guardrail	\$0	\$63,500	\$0	\$63,500
Signing	\$0	\$5,100	\$0	\$5,100
Pavement Markings	\$0	\$15,500	\$0	\$15,500
Maintenance of Traffic	\$0	\$108,000	\$0	\$108,000
Mobilization	5%	\$0	\$262,000	\$262,000
Other Items	10%	\$0	\$550,000	\$550,000
Const. Contingency	30%	\$0	\$1,810,000	\$1,810,000
Const. Eng. & Inspec.	10%	\$0	\$786,000	\$786,000
Construction Estimate		\$0	\$8,640,000	\$8,640,000
<b>Interchanges &amp; Unique Intersections</b>				
Roundabouts	\$0	\$0	\$0	\$0
Interchanges	\$0	\$0	\$0	\$0
<b>Right-of-Way &amp; Utilities</b>				
	LOCAL	STATE	FEDERAL	TOTAL
	50%	50%	0%	
Right-of-Way	\$2,400,000	\$2,400,000	\$0	\$4,800,000
Utilities	\$865,000	\$865,000	\$0	\$1,730,000
<b>Preliminary &amp; Construction Engineering and Inspection</b>				
Prelim. Eng.	9%	\$0	\$772,000	\$772,000
<b>Total Project Cost (2020)</b>	\$3,265,000	\$12,635,000	\$0	<b>\$ 15,900,000</b>