



City of Dallas

Summary of High-Speed Rail Trip to Japan

November 6 - 12, 2024

**Transportation & Infrastructure Committee
January 21, 2025**

**Dev Rastogi, Assistant City Manager
Molly Carroll, Interagency Program Administrator**

Purpose



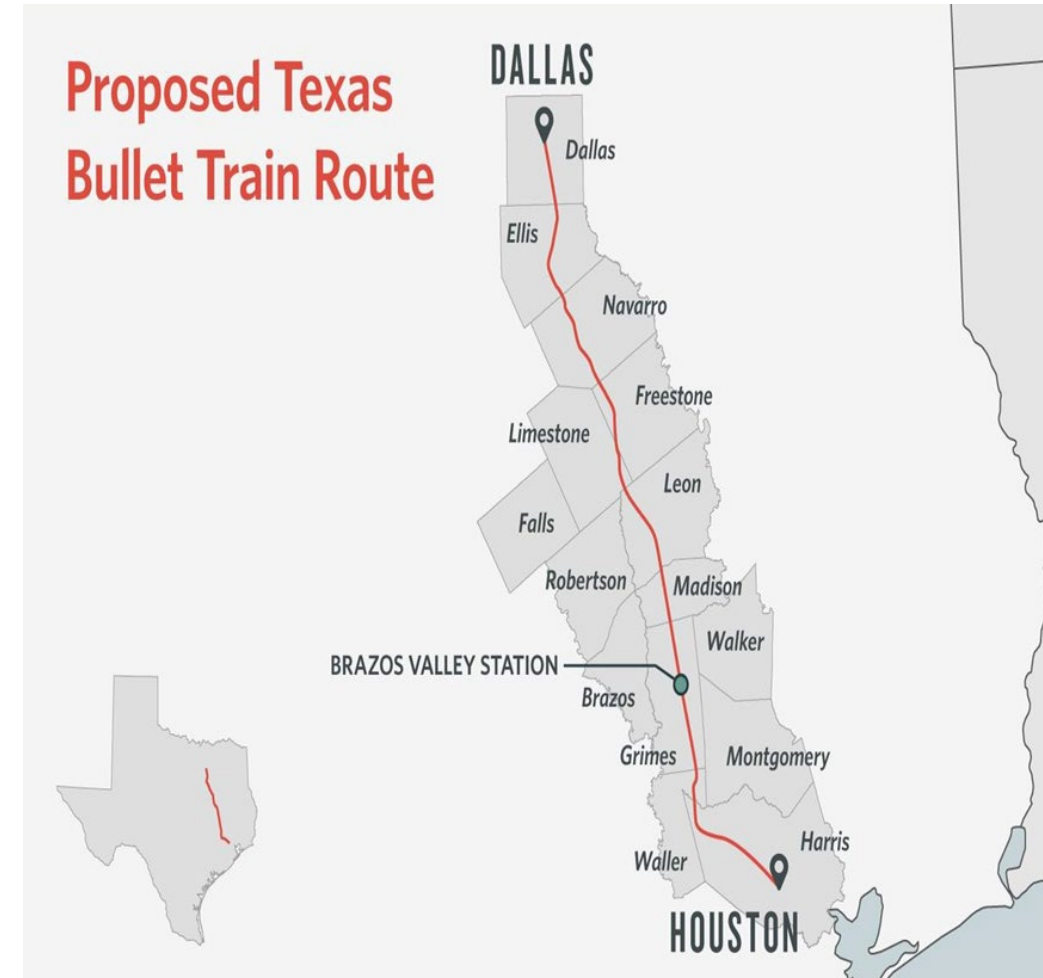
Highlight insights gained from the trip to Japan, focused on understanding the Japanese HSR technology and associated economic development opportunities.



Background of High-Speed Rail Project



- Amtrak is advancing plans to construct a high-speed rail line between Dallas and Houston.
- **In September 2024, Amtrak received \$80 million** from the Federal Railroad Administration's (FRA) Corridor Identification and Development Program (Corridor ID) to do advanced planning for the Dallas to Houston project.
- **In December 2024, Amtrak applied additional funding** through the FRA's Federal-State Partnership for Intercity Passenger Rail (FSP) grant program. If awarded, this funding will be used to initiate the Final Design stage of the project.



Proximity to Convention Center



- The Dallas high-speed rail station will be in the Cedars neighborhood, south of IH-30.
- A seamless connection to the rebuilt Kay Bailey Hutchison Convention Center Dallas (KBHCCD) offers an opportunity to create a unique transportation connection for convention attendees and further enhance economic development in the Convention Center District.



Goals of 2024 Japan Trip



- ✓ **Experience the Shinkansen (HSR) train** to understand what the train ride is like and to assess the noise and environmental impacts of the train.
- ✓ **Visit the HSR Operations Center** to learn about maintenance and operational processes behind the Shinkansen.
- ✓ **Meet with experts on HSR Transit-Oriented Development (TOD)** to gain knowledge on how to best leverage HSR infrastructure for promoting sustainable development around stations.
- ✓ **Review the infrastructure supporting the station area** to ensure the efficient movement of vehicles and passengers to and from the station.
- ✓ **Establish and strengthen ties with key stakeholders in Japan**, signaling Dallas' interest in the HSR project and fostering collaboration.



HSR Round Trip from Tokyo to Nagoya



We experienced Shinkansen on a round trip from Tokyo to Nagoya with a transfer in Tokyo to the Narita Express train to Tokyo's Narita International Airport.

Key Features:

- Train top speed – 168 mph
- Exceptionally smooth ride with comfortable, wide-seating and Wi-Fi.
- On-time departure and arrival with seamless intermodal integration.
- Provisions for varying luggage.
- Fast and convenient travel showcasing Japan's advanced rail technology and hospitality.



Central Japan Rail Meeting Operations Control Center, Tokyo



Central Japan Rail Company is the main railway company operating in the central region of Japan.

Key Takeaways:

- Insight into the complexities of operating a high-speed rail system, including staffing and employee development to ensure efficiency and safety.
- System maintenance procedures and how the system prepares for and responds to inclement weather emergencies.
- Observed the Operations Center in action.



Central Japan Rail Meeting – Nagoya Station



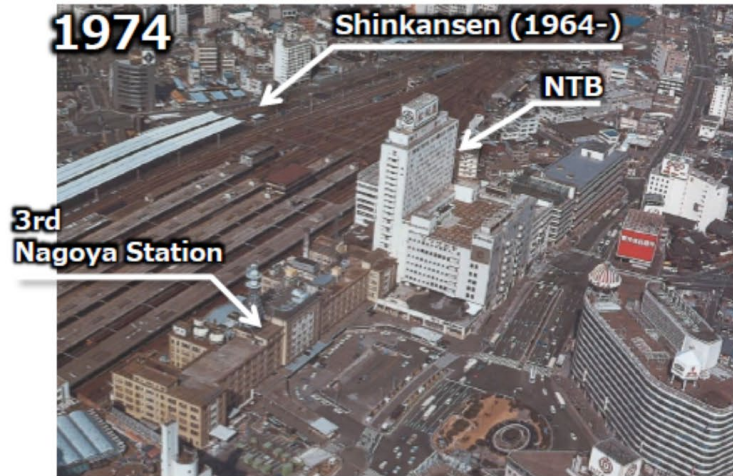
- Experience at Nagoya Station reinforced idea that **high-speed rail can drive significant economic development** when carefully planned and integrated with surrounding infrastructure and services.
- The evolution of Nagoya Station and its surrounding areas offers a compelling **example of how urban spaces can be transformed over time through transportation infrastructure.**
 - Nagoya Station **exemplifies the importance of seamlessly integrating various modes of transit into a cohesive system.** This focus on user experience and ease of transfer is essential for ensuring the success of Dallas' HSR project.
 - Experiencing a hotel seamlessly connected to the transit systems around Nagoya Station highlighted how **integration can extend beyond just transportation.**



Strategic Approach for Nagoya Station Development



Boosted Growth of Nagoya Station District (East View)



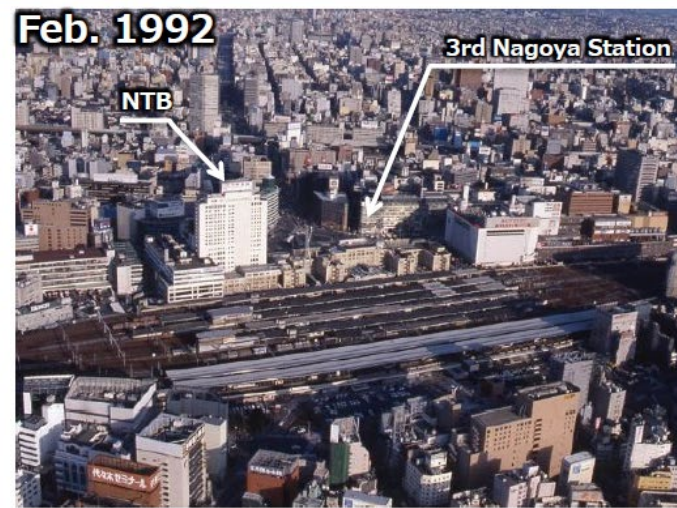
- High Speed Rail Station offers significant opportunities for economic development at the Station and surrounding area.
- This series of photos shows the east view of development around the Shinkansen HSR station in Nagoya, Japan over 80+ years.



Strategic Approach for Nagoya Station Development



Boosted Growth of Nagoya Station District (West View)



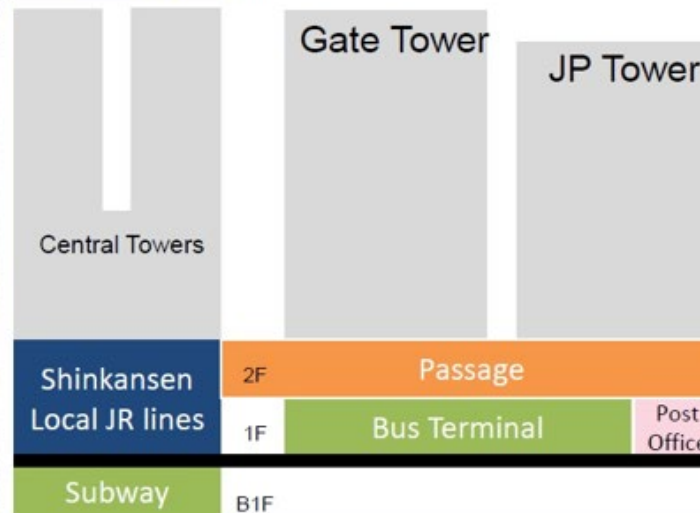
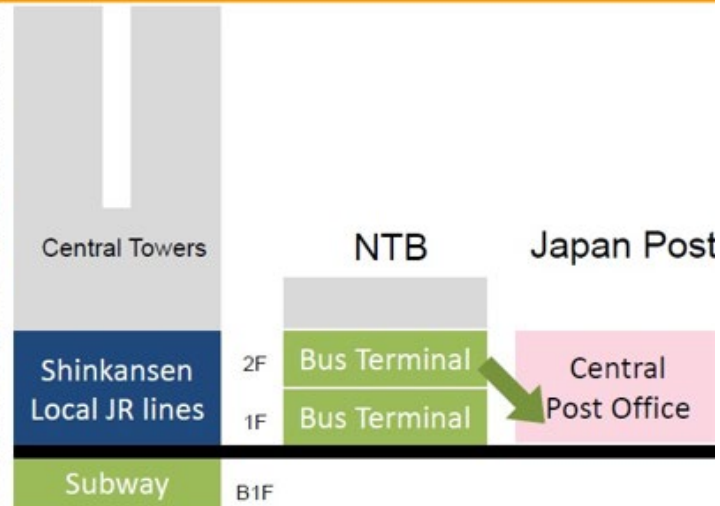
- This series of photos shows the west view of the development around the Shinkansen HSR station in Nagoya, Japan over 25 years.
- A strategic approach to development of the infrastructure supporting the HSR station in Dallas is essential to realization of the development opportunities.



Nagoya Station Development 2011 to 2017 (Phase 4)



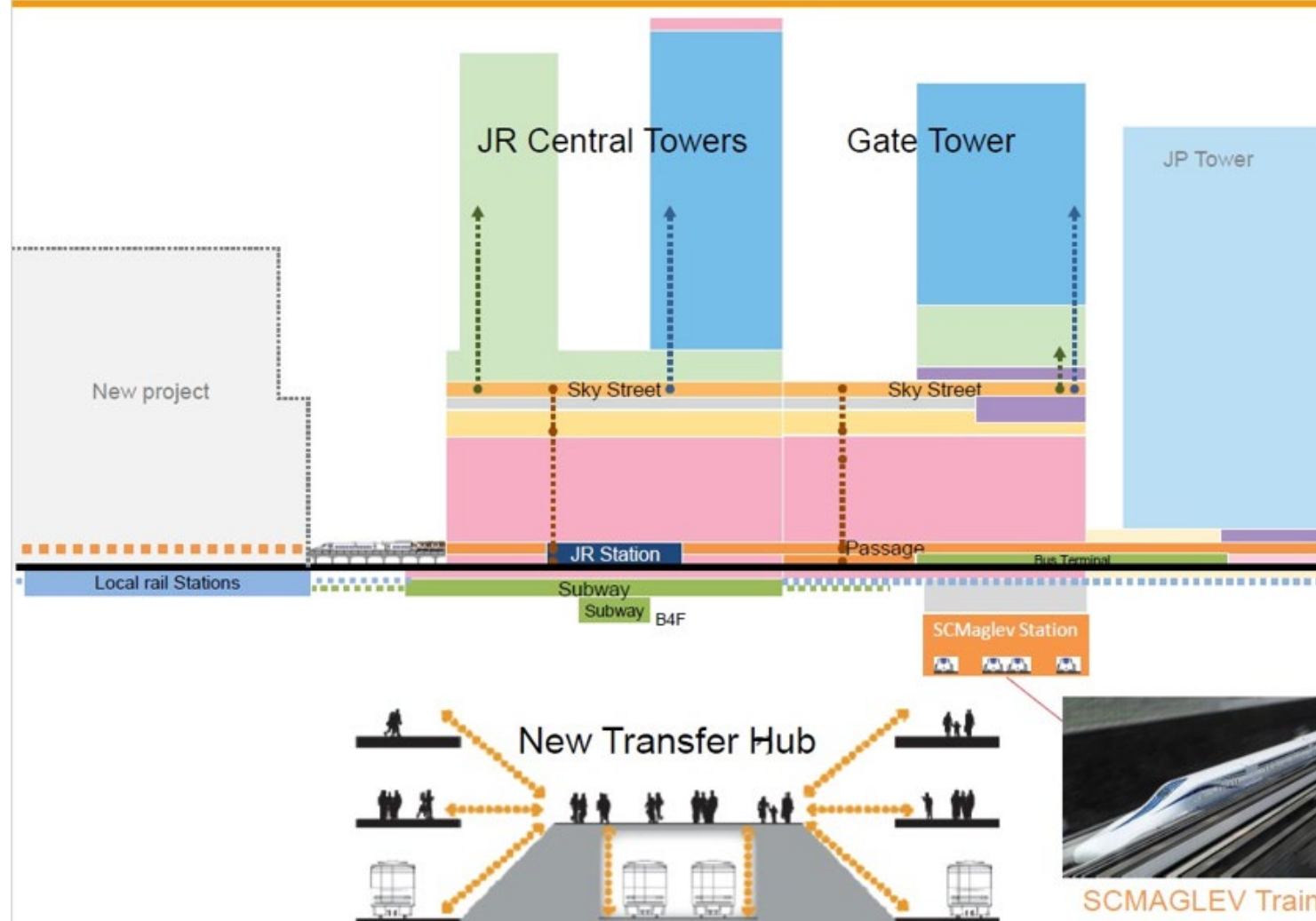
Phase 4 - JR Gate Tower : 2017



Nagoya Station Development 2030s (Phase 5)



Phase 5 – the Next-Generation Nagoya Station : 2030's



Key Government Meetings



**Japan Ministry of
Foreign Affairs**

Tokyo



**United States
Embassy**

Tokyo



**Governor Hideaki Omura of
Aichi Prefecture**

Nagoya



Takeaways from Government Meetings



- **Japan views Texas as a key market for investment and the presence of robust Japanese communities can act as a bridge** that fosters economic ties/business development between Japan and Dallas.
- **The Dallas to Houston HSR project is going to have a major impact on future Japanese investment in the region.** They need to see that DFW and surrounding areas are safe for investment.
- **Successful business partnerships with Japan rely heavily on relationship-building.** Many other U.S. cities are actively engaging with Japan and conducting annual visits to strengthen diplomatic and economic ties.
- **Governor Omura recognized strong economic ties between Aichi Prefecture and the DFW area** and stressed that a direct flight between DFW and Chubu International Airport would enhance these relationships.



Japan Delegation Visit to Dallas



- Less than two weeks after returning from Japan, a delegation from Nagoya reached out requesting help in coordinating meetings during their visit to Dallas in early December.
- ACM Rastogi attended the Nagoya Delegation's briefing to American Airlines promoting the value of American Airlines considering a direct flight from DFW International Airport to Nagoya's Chubu Centrair International Airport.
- City facilitated the Nagoya Delegation's tour of the high-speed rail site, meetings with representatives of Oncor and the Dallas Innovation Alliance and hosted a meet and greet with City Council representatives at City Hall.



Next Steps



- Apply lessons learned from Japan HSR experience to **create a more integrated, efficient and user-friendly transportation network to include**
 - Seamless integration into the new convention center
 - Connection to multimodal-transportation hubs
 - User-centric design and amenities that enhance the customer experience
 - Supportive transportation networks with future growth in mind
 - Economic development that encourages a mix of residential, retail and office space around stations
- **Deepen engagement with major Japanese corporations**, particularly Toyota and NEC, which have significant presences in North Texas.
- **Develop a larger international strategy** that builds on this upcoming investment and coordinates existing efforts.
- **Monitor Nagoya's request for a direct flight between DFW Airport to Nagoya's Chubu Centrair Airport.**





City of Dallas

Summary of High-Speed Rail Trip to Japan

November 6 - 12, 2024

**Transportation & Infrastructure Committee
January 21, 2025**

**Dev Rastogi, Assistant City Manager
Molly Carroll, Interagency Program Administrator**