

Newark Regional Transportation Center



Mid-Atlantic Regional Planning Roundtable
October 29, 2015

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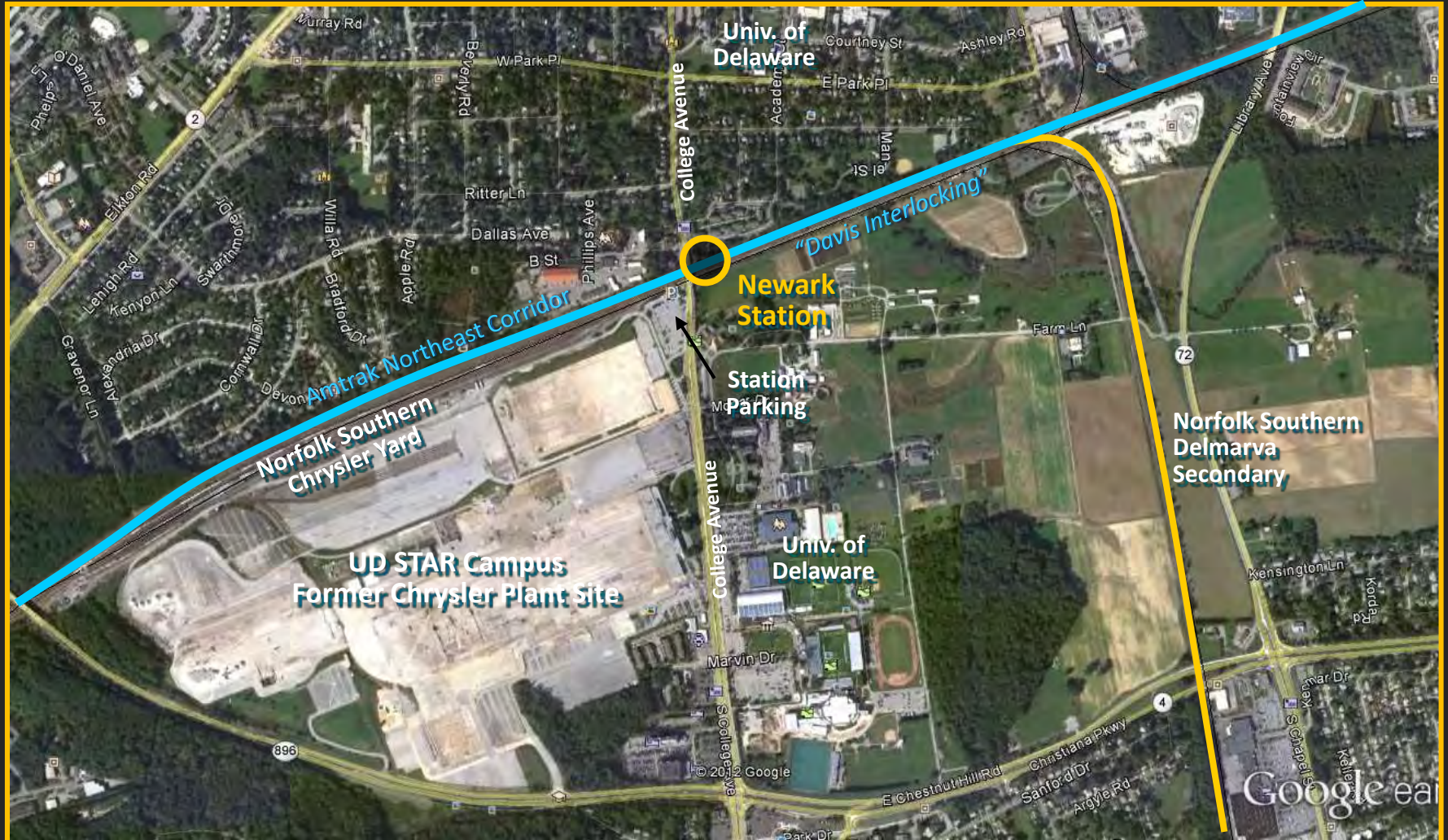


Project Studies

- Delaware Rail Passenger Engineering Study, 2002
- Wilmington to Newark Commuter Rail Improvements, 2004
- Newark Train Station Feasibility Study, 2010
- Newark Regional Transportation Center Study, 2013

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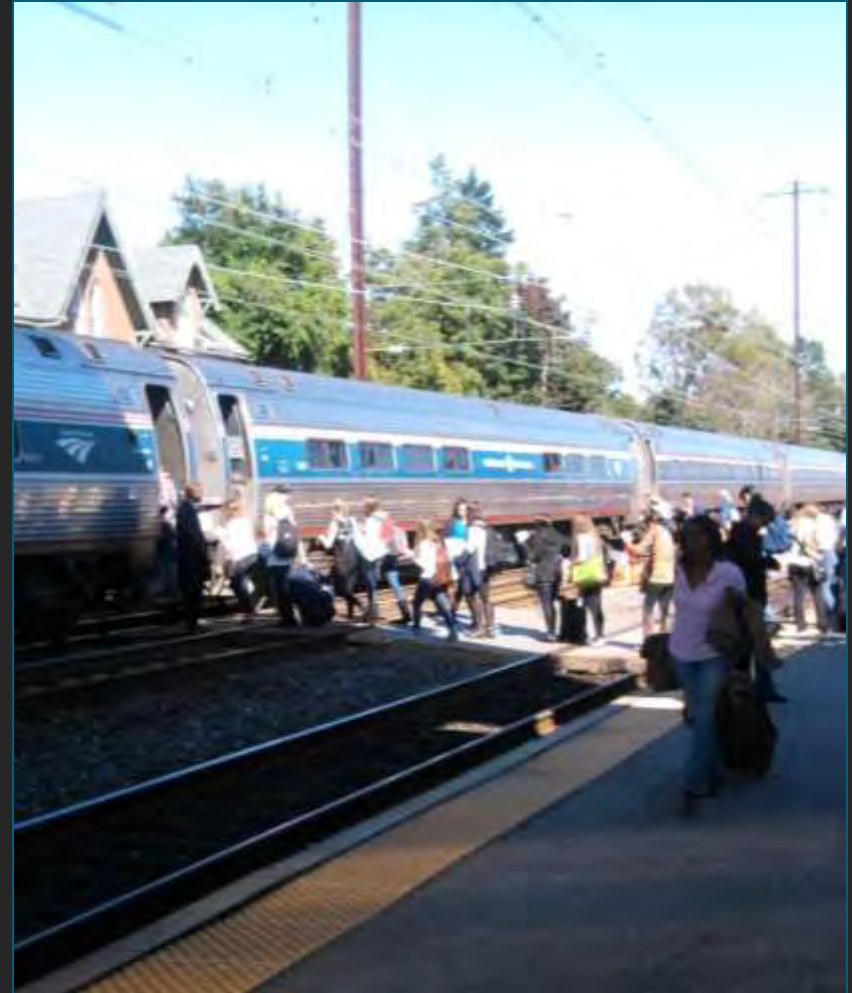
Station Location



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Newark Train Station Study

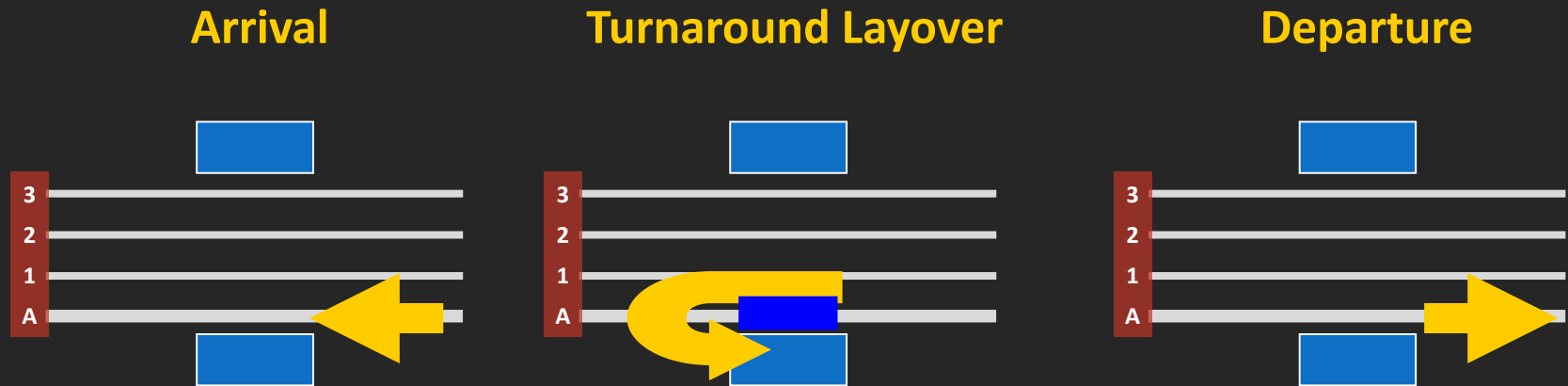
- Primarily an engineering and operational feasibility study
- Importance of study
 - UD Plans
 - Work within constraints of site
 - Build on previous studies
 - Opportunity for Newark
- A dual focus needed to address:
 - Conflicts between freight and commuter
 - How to accommodate expansion of passenger rail services



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Current SEPTA Operations

19 Trips per day/10 Trains

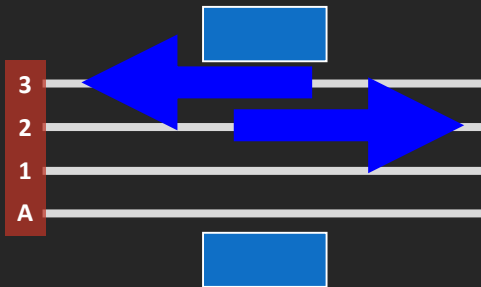


Morning and Evening Peak Periods Only

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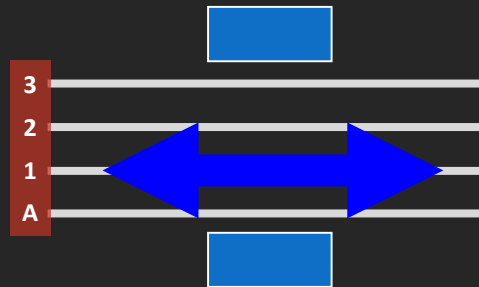
Current Operations – Amtrak

Non-stop Acela Express & Northeast Regional



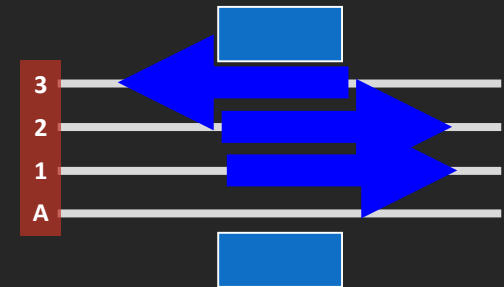
2 trains/hr. each way

Non-stop Long Distance Trains Being Overtaken



Up to 6 trains/day
each way
(irregular timing)

Northeast Regional Trains Stopping at Newark Station

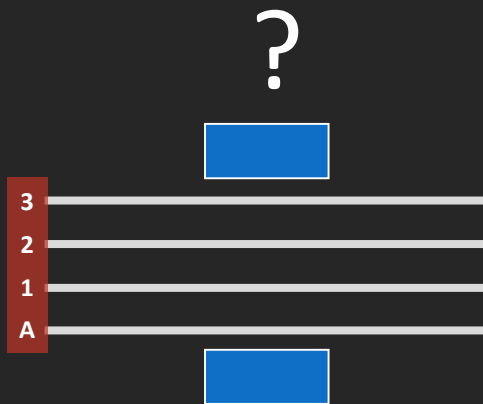


2 trains/day each way wkday
3 trains/day each way wkend

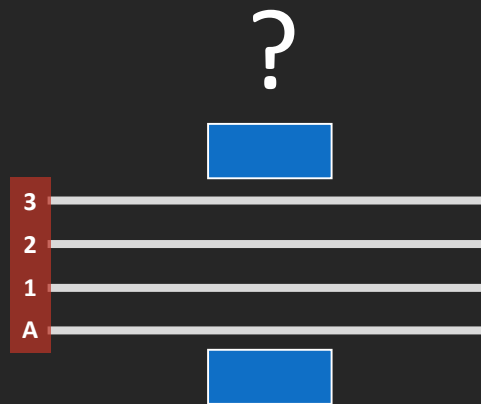
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Current Operations – Norfolk Southern

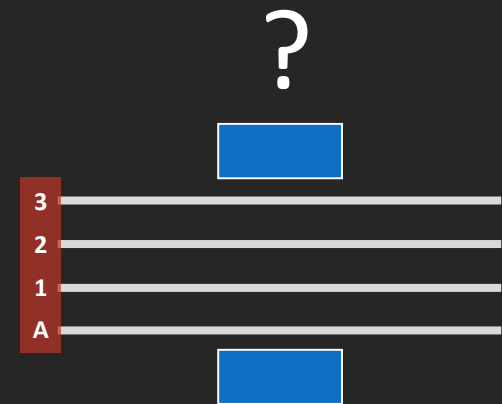
10 PM to 6 AM



6 AM to 2 PM

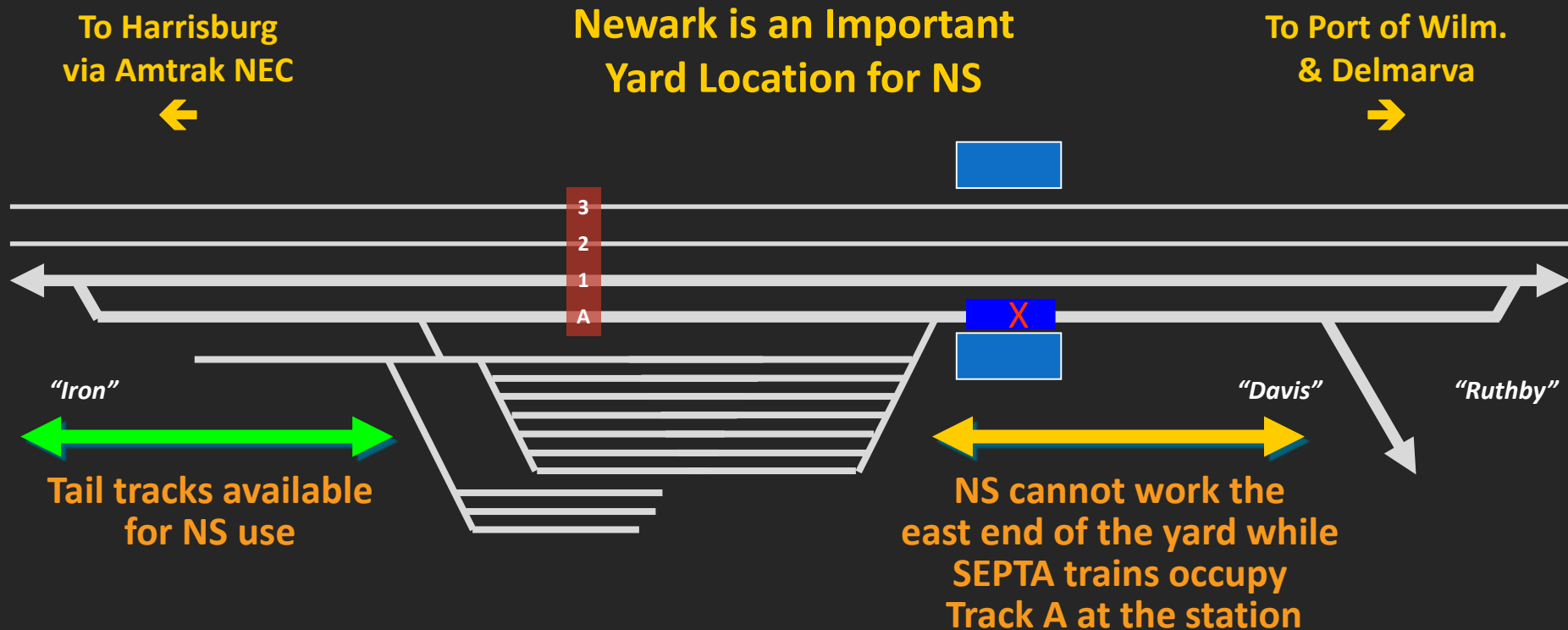


2 PM to 10 PM



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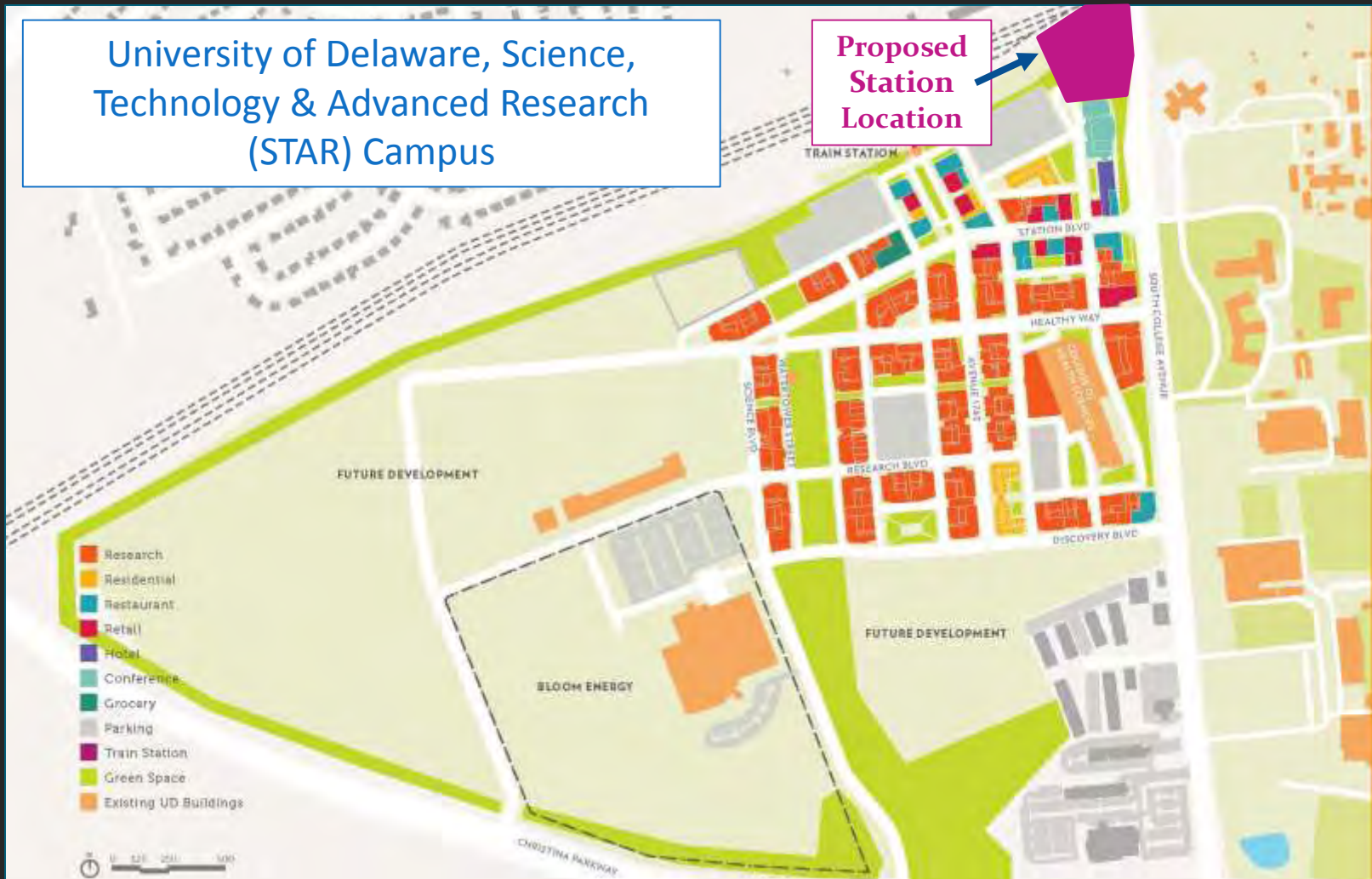
Current Operations – Norfolk Southern



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University of Delaware, Science,
Technology & Advanced Research
(STAR) Campus

Proposed
Station
Location



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Study and Grant Components

- Feasibility Study (Phase I) completed in July 2010
- TIGER II Planning Grant awarded in December 2010
- NRTC Study (Phase II) completed in March 2014
- TIGER IV Grant for PE/construction awarded in June 2012
- Preliminary Engineering (PE) currently underway



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Many concepts created and discarded due to operational challenges

Figure 10. Full Build Platform Configuration – Option 1 Double Island Platforms

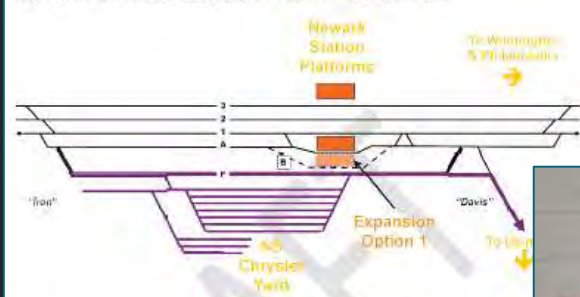
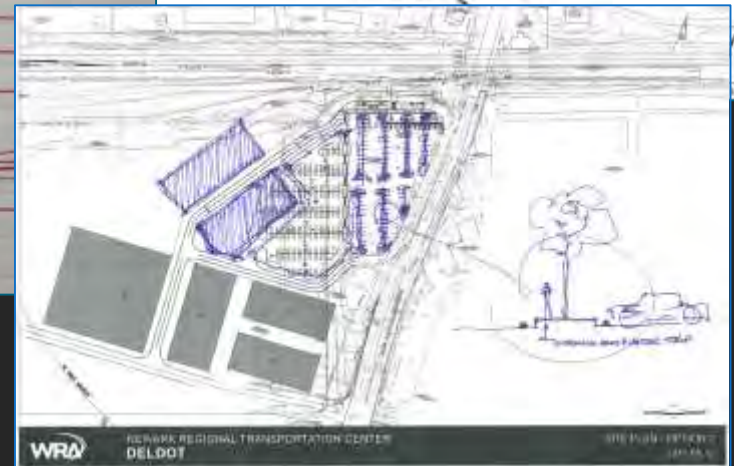
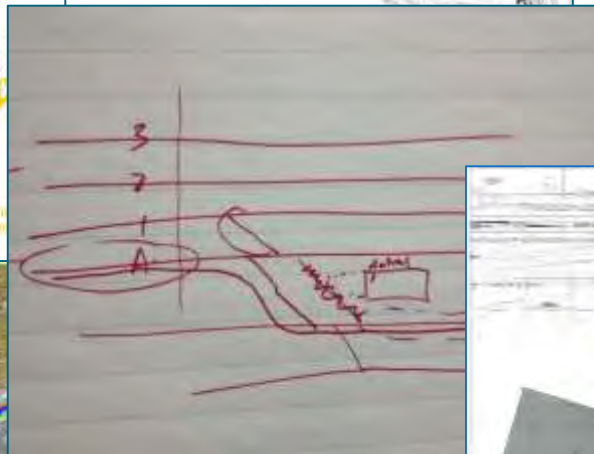


Figure 11. Proposed Full Build Platform Configuration – Option 2 Island and Side Platforms



Existing Station site:



Recommended Station Concept:



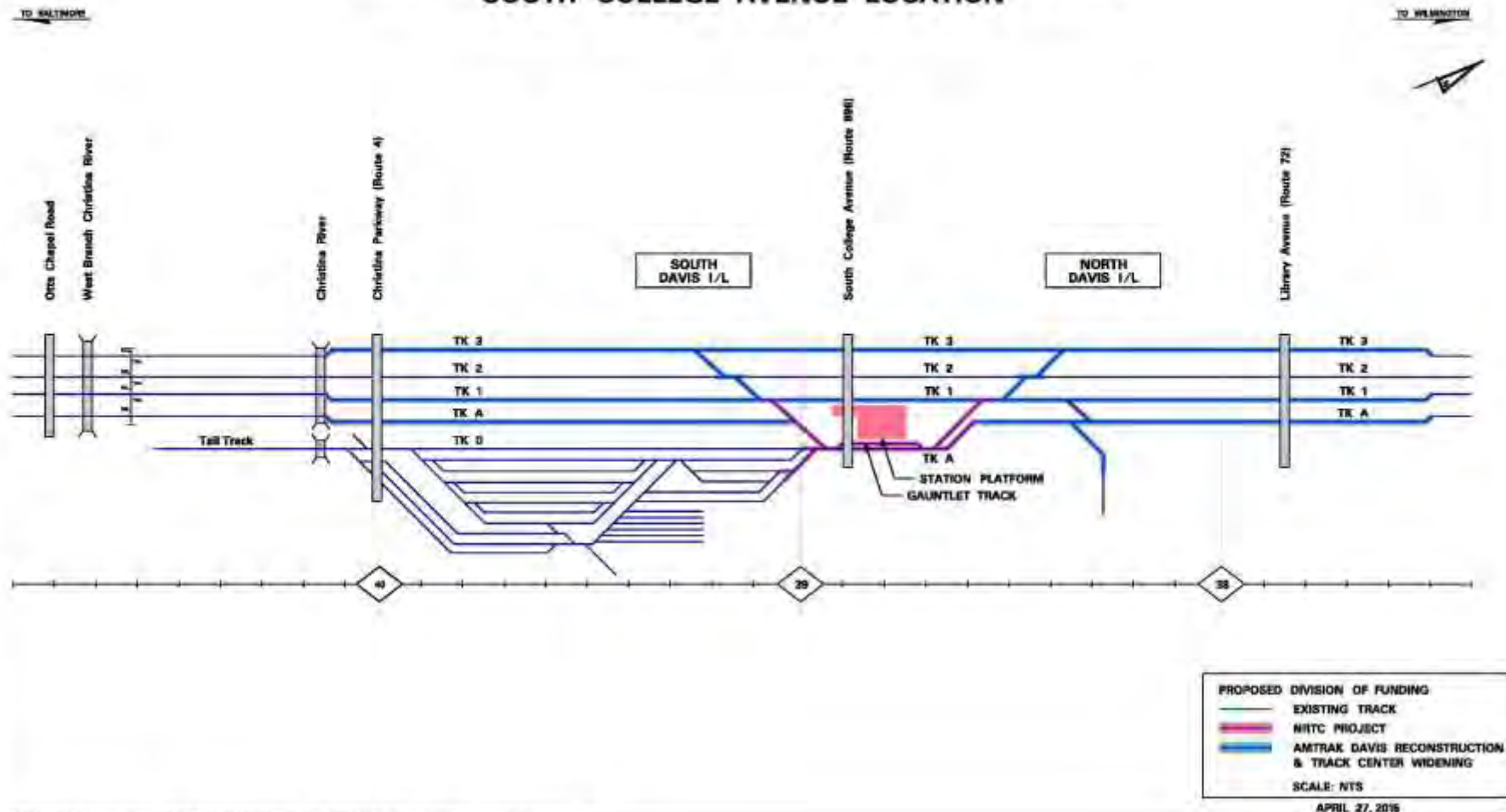
KEY STATION ELEMENTS

- High-level platform with two sides to serve Amtrak and SEPTA trains
- Direct pedestrian access from South College Avenue bridge
- New station building with waiting area, restrooms, security, ticketing and pedestrian bridge
- Expanded parking lot (457 spaces) with improved access and circulation
- Designed to link seamlessly with STAR Campus
- Phased construction of both track work and station to maintain continuous operation during construction



Recommended Track Approach:

NEWARK REGIONAL TRANSPORTATION CENTER (NRTC) SOUTH COLLEGE AVENUE LOCATION



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Key Milestones for TIGER IV Grant

- NEPA Completion:
January 2013, Approved April 2013
- Obligation of Grant Funds:
June 30, 2013
- Start Construction:
Spring 2017
- Complete Construction:
Fall 2018 (estimated, with
Amtrak work through 2019)



A photograph of a train station platform and tracks. The platform has a white building with a blue sign that says "Newark Station". There are several train tracks in the foreground and background. The sky is overcast.

For more information on this project, visit:

<http://www.wilmapco.org/newarktrain/>

Thank You!

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