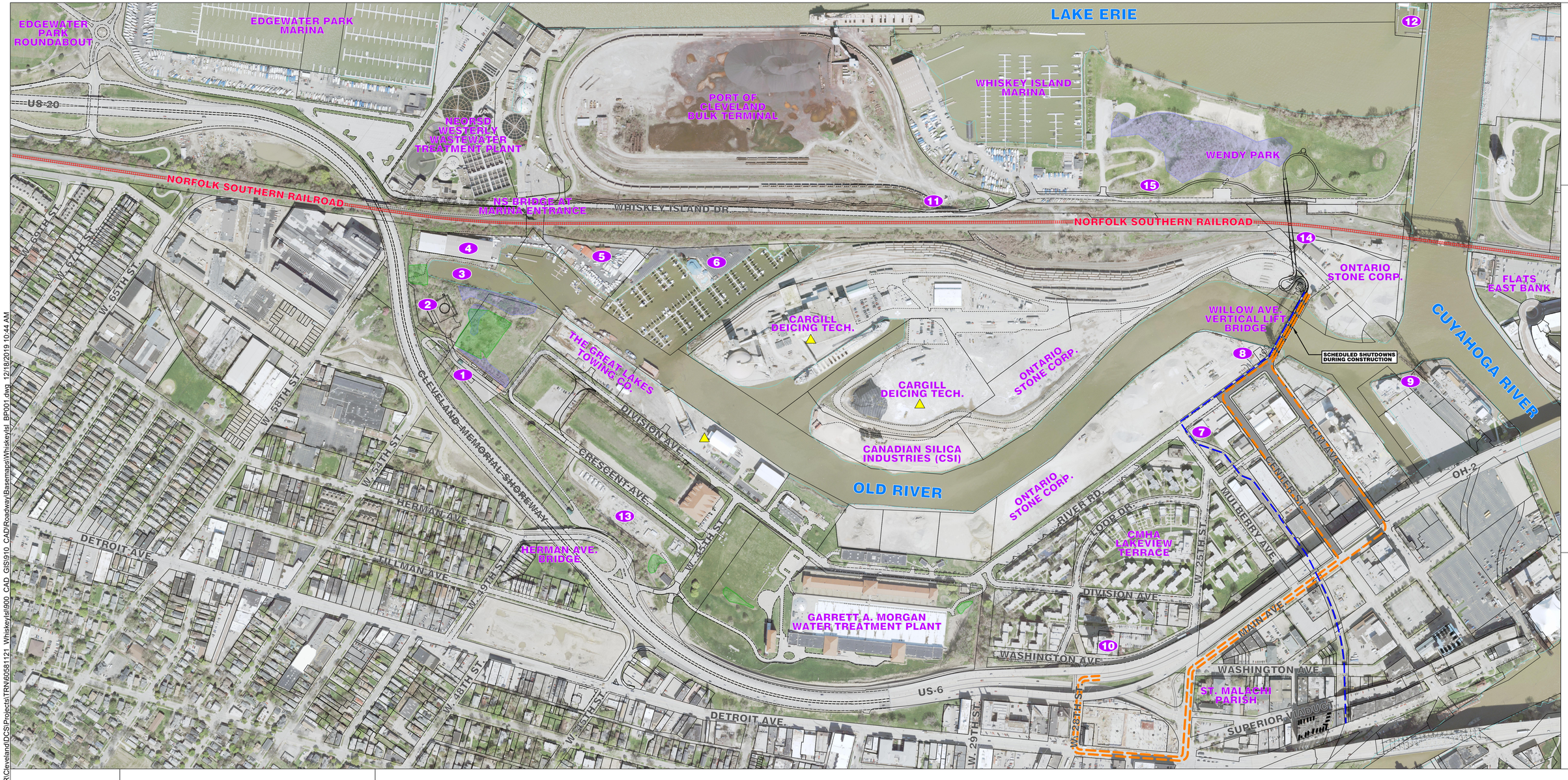

ALTERNATIVE ACCESS TO SOUTH WHISKEY ISLAND FEASIBILITY STUDY

ALTERNATIVE 4
EXISTING WILLOW LIFT BRIDGE REHABILITATION

AECOM

50 300 600
0 200 400 800
SCALE IN FEET

SITE OVERVIEW LEGEND

- DELINEATED WETLANDS
- BAT HABITAT AREA
- SITES CONTAINING REGULATED MATERIALS
- PROPOSED ANCILLARY SITE IMPROVEMENTS
- PROPOSED BRIDGE LIMITS
- EXISTING TRUCK ROUTE
- PROPOSED TRUCK ROUTE
- EXISTING PEDESTRIAN / BIKE ROUTE
- PROPOSED PEDESTRIAN / BIKE ROUTE

1. CLEVELAND AREA SOAP BOX DERBY
2. NEORSD WESTERLY TUNNEL DEWATERING PUMP STATION
3. FORMER GRAVING DOCK, TO BE FILLED BY EPA
4. MARINA STORAGE FACILITY
5. IVANCIC MARINE / CHANNEL PARK MARINA
6. OLDE RIVER YACHT CLUB AND DOCKOMINIUMS
7. CENTENNIAL TRAIL LAKE LINK
8. NEORSD WESTERLY LOW-LEVEL RELIEF SEWER
9. SCHERZER ROLLING LIFT BRIDGE (OUT OF SERVICE)
10. CMHA LAKEVIEW TOWER
11. "MOUSE HOLE" (RAIL, ROAD, AND PEDESTRIAN BRIDGES)
12. HISTORICAL CLEVELAND COAST GUARD STATION
13. CLEVELAND PUBLIC POWER SUBSTATION
14. WENDY PARK BRIDGE (PLANNED BY OTHERS)
15. WHISKEY ISLAND CONNECTOR (PLANNED BY OTHERS)

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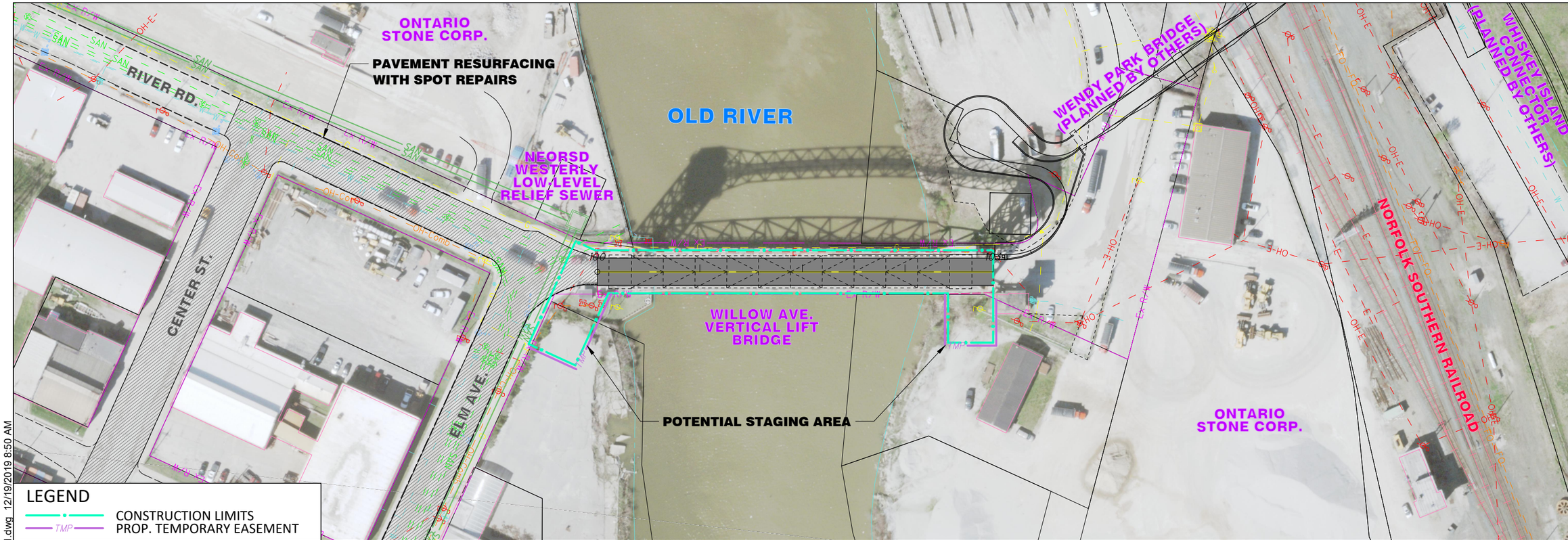

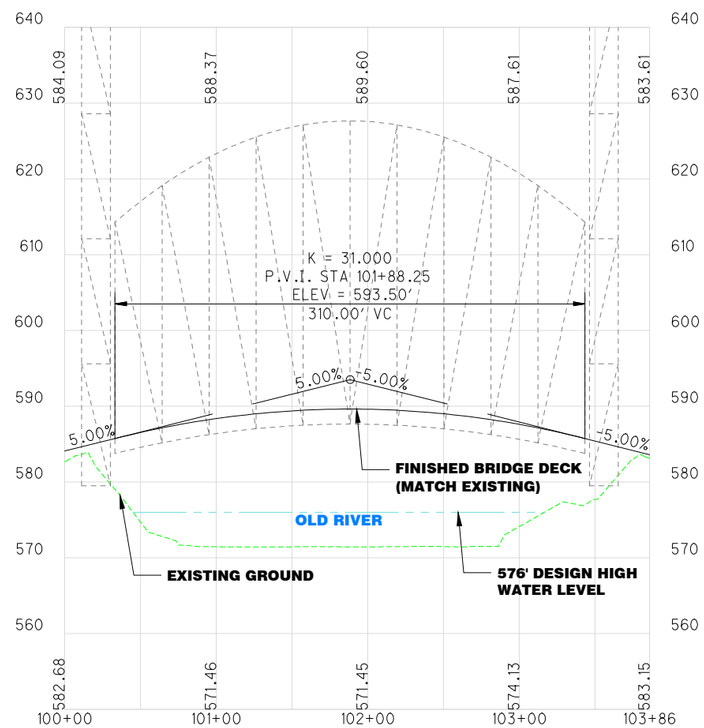

N

0 100 200 SCALE IN FEET

ALTERNATIVE 4
EXISTING WILLOW LIFT BRIDGE REHABILITATION
STA. 100+00 TO STA. 103+86

AECOM

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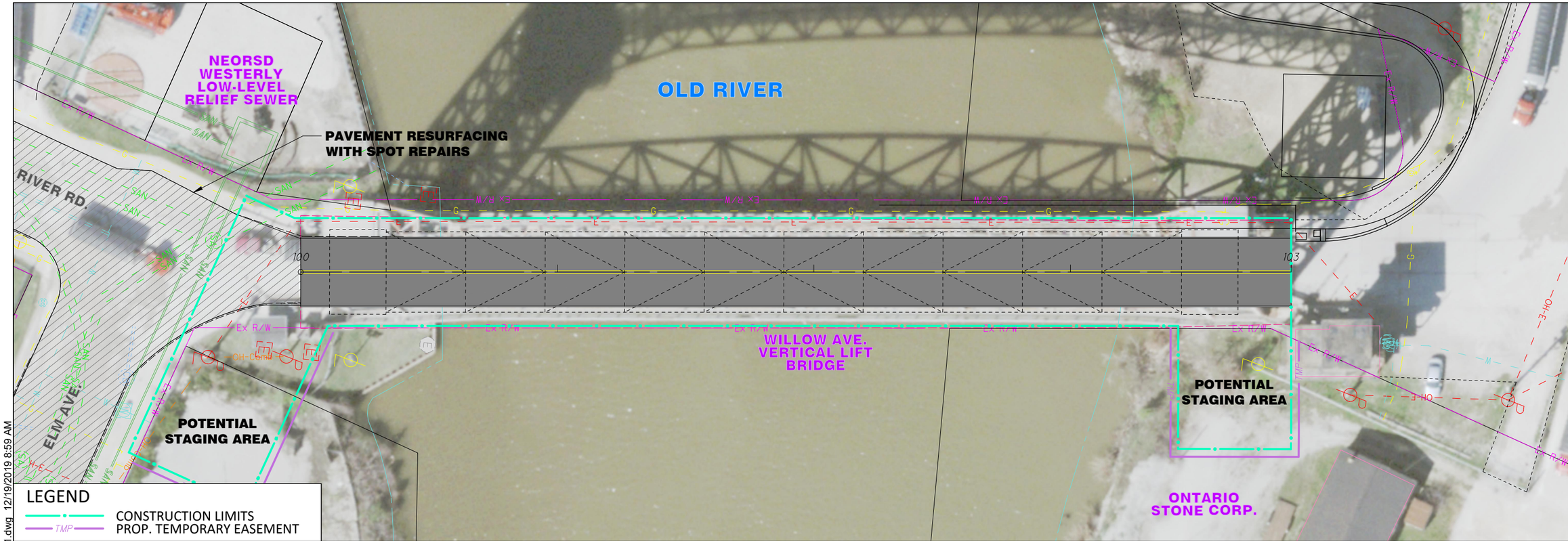

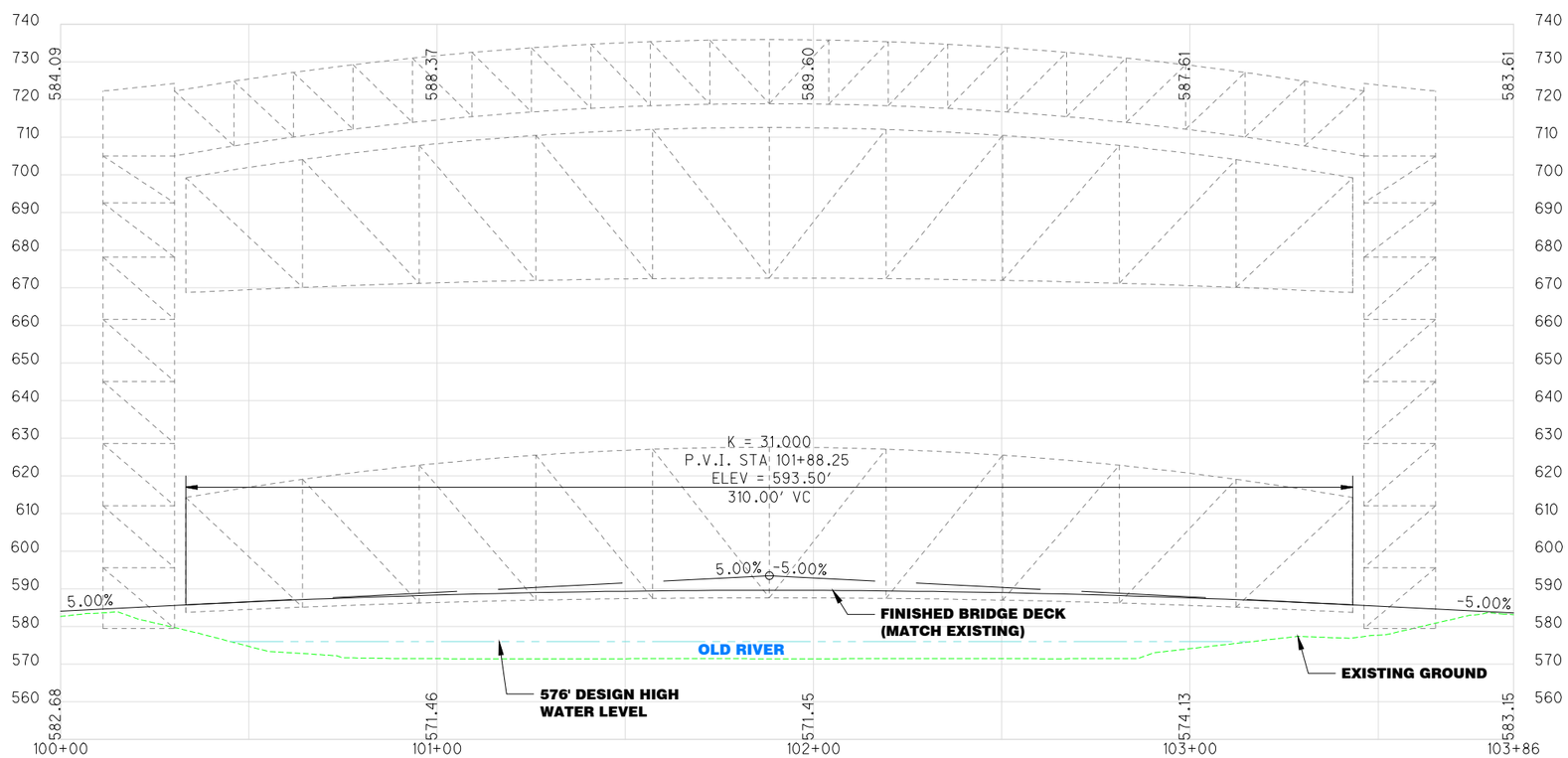

N

0 40 80
SCALE IN FEET

ALTERNATIVE 4
EXISTING WILLOW LIFT BRIDGE REHABILITATION
BRIDGE DETAIL (STA. 100+00 TO STA. 103+86)

AECOM

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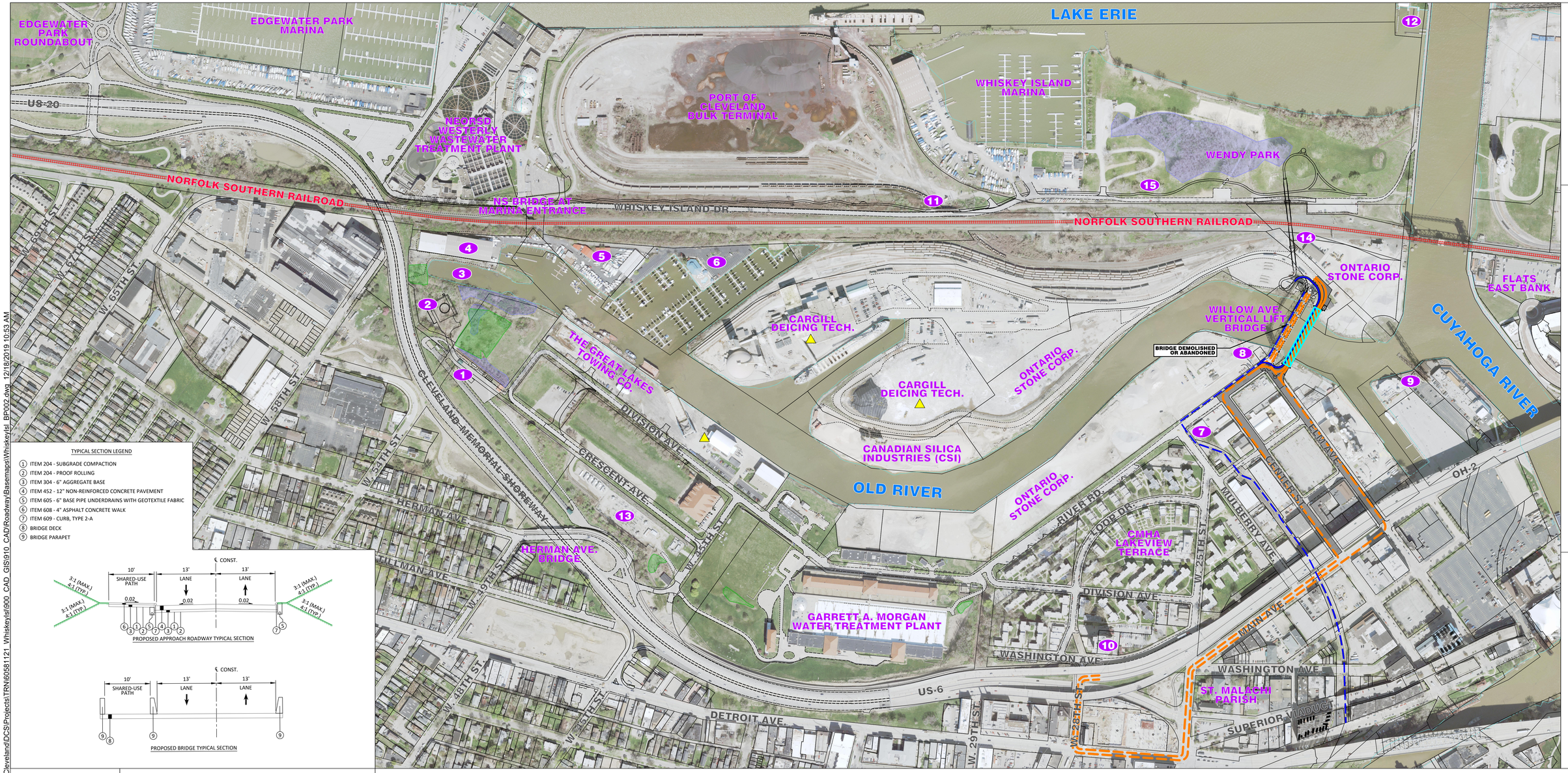

TYPICAL SECTION LEGEND

1. ITEM 204 - SUBGRADE COMPACTION
2. ITEM 204 - PROOF ROLLING
3. ITEM 304 - 6" AGGREGATE BASE
4. ITEM 452 - 12" NON-REINFORCED CONCRETE PAVEMENT
5. ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
6. ITEM 608 - 4" ASPHALT CONCRETE WALK
7. ITEM 609 - CURB, TYPE 2-A
8. BRIDGE DECK
9. BRIDGE PARAPET

PROPOSED APPROACH ROADWAY TYPICAL SECTION

PROPOSED BRIDGE TYPICAL SECTION

50 300 600

0 200 400 800

SCALE IN FEET

SITE OVERVIEW LEGEND

- DELINEATED WETLANDS
- BAT HABITAT AREA
- SITES CONTAINING REGULATED MATERIALS
- PROPOSED ANCILLARY SITE IMPROVEMENTS
- PROPOSED BRIDGE LIMITS
- EXISTING TRUCK ROUTE
- PROPOSED TRUCK ROUTE
- EXISTING PEDESTRIAN / BIKE ROUTE
- PROPOSED PEDESTRIAN / BIKE ROUTE

1. CLEVELAND AREA SOAP BOX DERBY
2. NEORSD WESTERLY TUNNEL DEWATERING PUMP STATION
3. FORMER GRAVING DOCK, TO BE FILLED BY EPA
4. MARINA STORAGE FACILITY
5. IVANCIC MARINE / CHANNEL PARK MARINA
6. OLDE RIVER YACHT CLUB AND DOCKOMINIUMS
7. CENTENNIAL TRAIL LAKE LINK
8. NEORSD WESTERLY LOW-LEVEL RELIEF SEWER
9. SCHERZER ROLLING LIFT BRIDGE (OUT OF SERVICE)
10. CMHA LAKEVIEW TOWER
11. "MOUSE HOLE" (RAIL, ROAD, AND PEDESTRIAN BRIDGES)
12. HISTORICAL CLEVELAND COAST GUARD STATION
13. CLEVELAND PUBLIC POWER SUBSTATION
14. WENDY PARK BRIDGE (PLANNED BY OTHERS)
15. WHISKEY ISLAND CONNECTOR (PLANNED BY OTHERS)

ALTERNATIVE ACCESS TO SOUTH WHISKEY ISLAND FEASIBILITY STUDY

ALTERNATIVE 15
NEW LIFT BRIDGE ADJACENT TO EXISTING

AECOM

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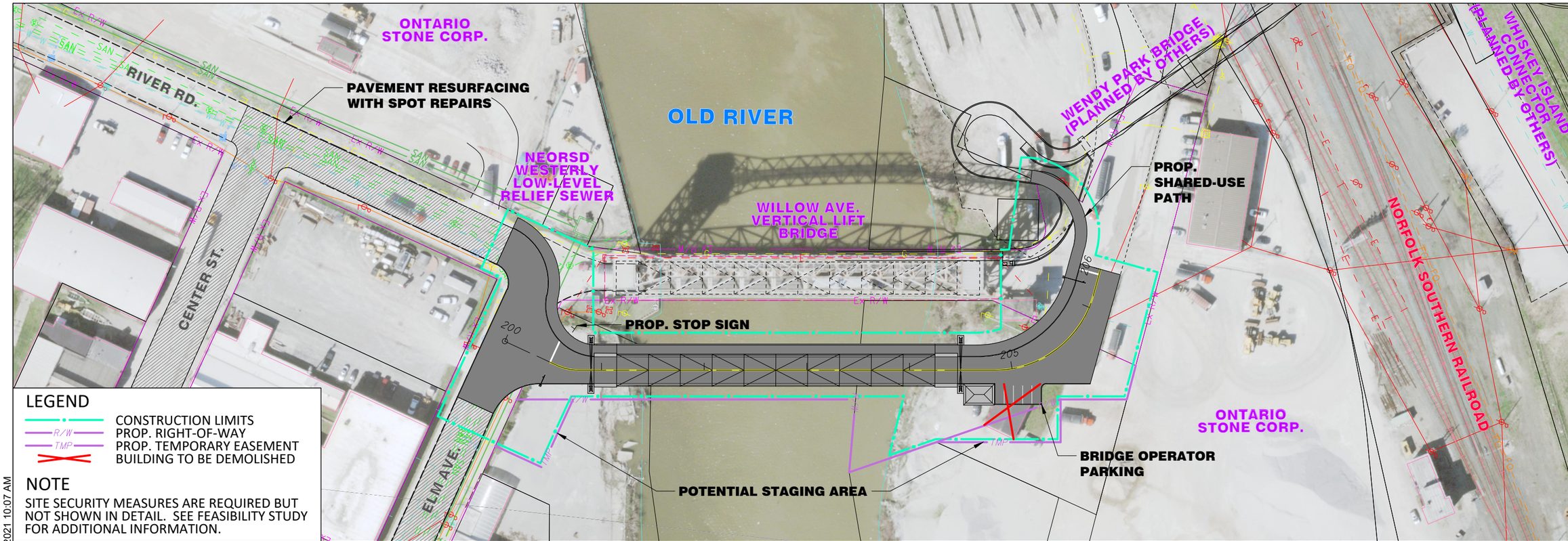
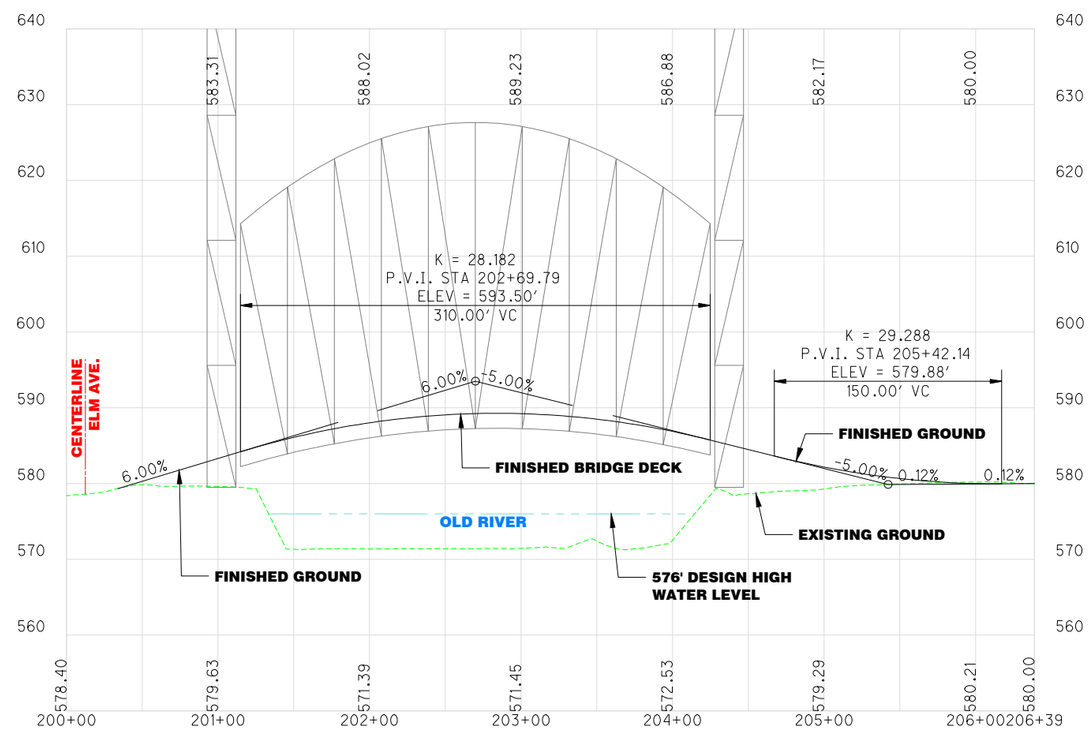


LEGEND

- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- TMP — PROP. TEMPORARY EASEMENT
- BUILDING TO BE DEMOLISHED

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.



SCALE IN FEET

0 100 200

ALTERNATIVE 15
NEW LIFT BRIDGE ADJACENT TO EXISTING
STA. 200+00 TO STA. 206+39

AECOM

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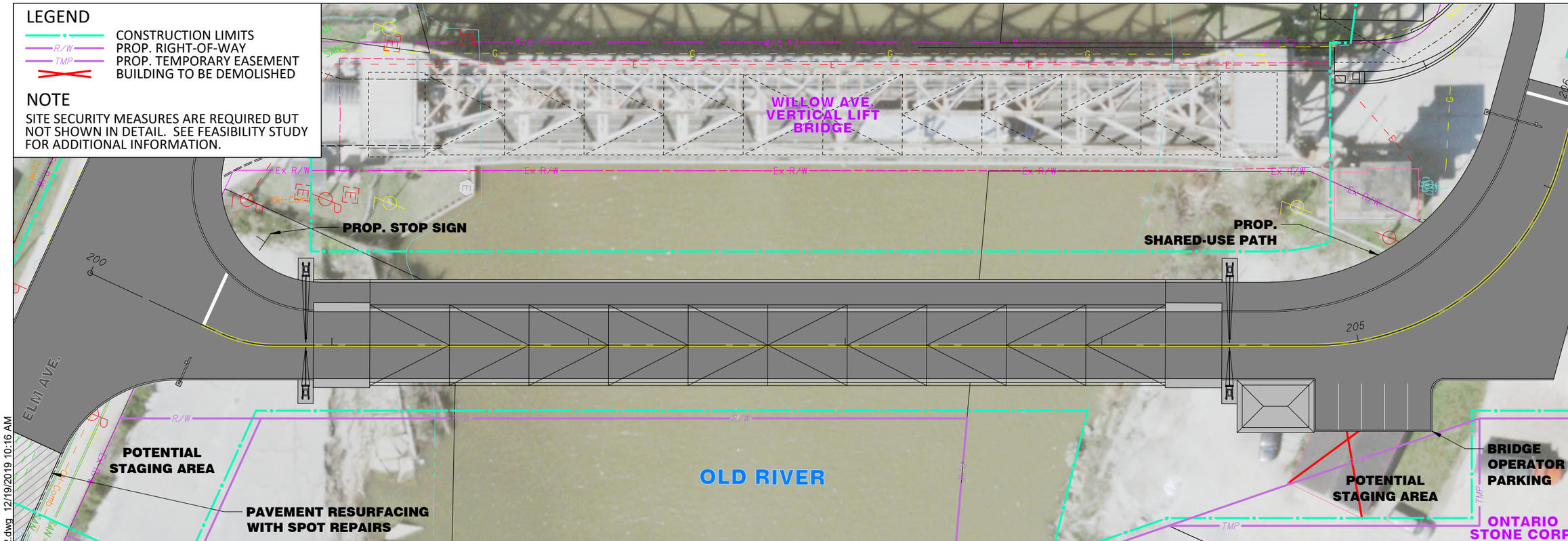
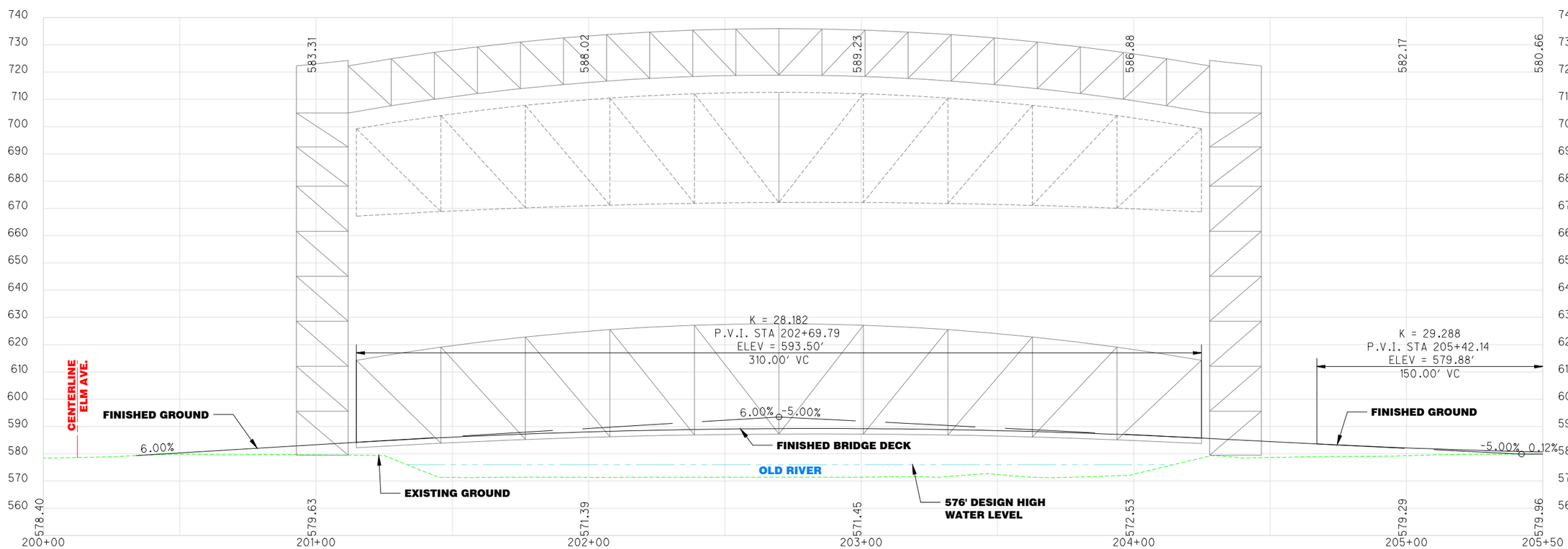
LEGEND

- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- TMP — PROP. TEMPORARY EASEMENT
- BUILDING TO BE DEMOLISHED

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.





N

0 40 80 SCALE IN FEET

ALTERNATIVE 15
NEW LIFT BRIDGE ADJACENT TO EXISTING
BRIDGE DETAIL (STA. 200+00 TO STA. 205+50)

AECOM

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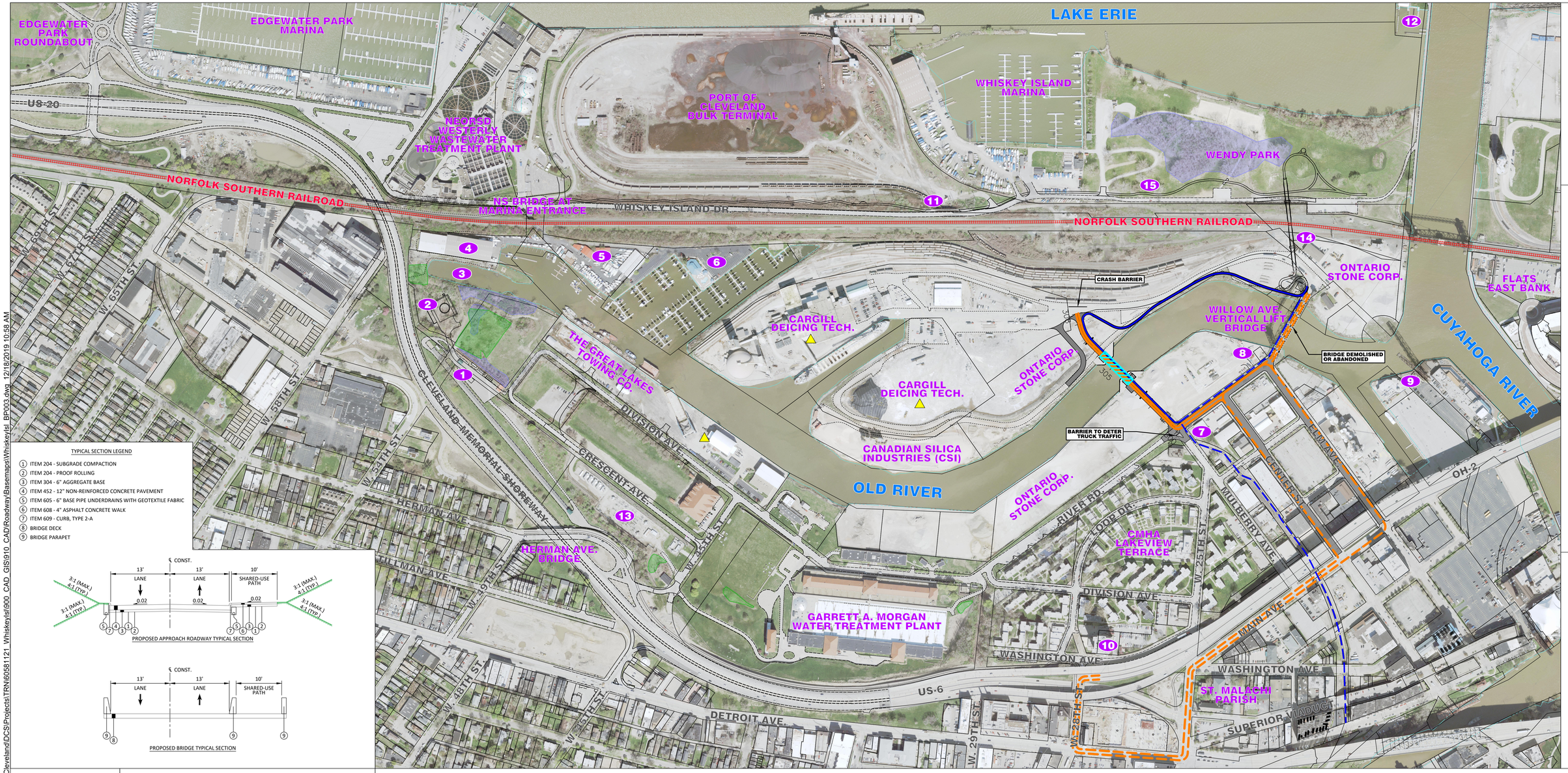
ALTERNATIVE ACCESS TO SOUTH WHISKEY ISLAND FEASIBILITY STUDY

ALTERNATIVE 16
NEW BASCULE BRIDGE AT MULBERRY AVE.

AECOM



TYPICAL SECTION LEGEND

1. ITEM 204 - SUBGRADE COMPACTION
2. ITEM 204 - PROOF ROLLING
3. ITEM 304 - 6" AGGREGATE BASE
4. ITEM 452 - 12" NON-REINFORCED CONCRETE PAVEMENT
5. ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
6. ITEM 608 - 4" ASPHALT CONCRETE WALK
7. ITEM 609 - CURB, TYPE 2-A
8. BRIDGE DECK
9. BRIDGE PARAPET

PROPOSED APPROACH ROADWAY TYPICAL SECTION

PROPOSED BRIDGE TYPICAL SECTION

50 300 600
0 200 400 800
SCALE IN FEET

SITE OVERVIEW LEGEND

- DELINEATED WETLANDS
- BAT HABITAT AREA
- SITES CONTAINING REGULATED MATERIALS
- PROPOSED ANCILLARY SITE IMPROVEMENTS
- PROPOSED BRIDGE LIMITS
- EXISTING TRUCK ROUTE
- PROPOSED TRUCK ROUTE
- EXISTING PEDESTRIAN / BIKE ROUTE
- PROPOSED PEDESTRIAN / BIKE ROUTE

1. CLEVELAND AREA SOAP BOX DERBY
2. NEORSD WESTERLY TUNNEL DEWATERING PUMP STATION
3. FORMER GRAVING DOCK, TO BE FILLED BY EPA
4. MARINA STORAGE FACILITY
5. IVANCIC MARINE / CHANNEL PARK MARINA
6. OLDE RIVER YACHT CLUB AND DOCKOMINIUMS
7. CENTENNIAL TRAIL LAKE LINK
8. NEORSD WESTERLY LOW-LEVEL RELIEF SEWER
9. SCHERZER ROLLING LIFT BRIDGE (OUT OF SERVICE)
10. CMHA LAKEVIEW TOWER
11. "MOUSE HOLE" (RAIL, ROAD, AND PEDESTRIAN BRIDGES)
12. HISTORICAL CLEVELAND COAST GUARD STATION
13. CLEVELAND PUBLIC POWER SUBSTATION
14. WENDY PARK BRIDGE (PLANNED BY OTHERS)
15. WHISKEY ISLAND CONNECTOR (PLANNED BY OTHERS)

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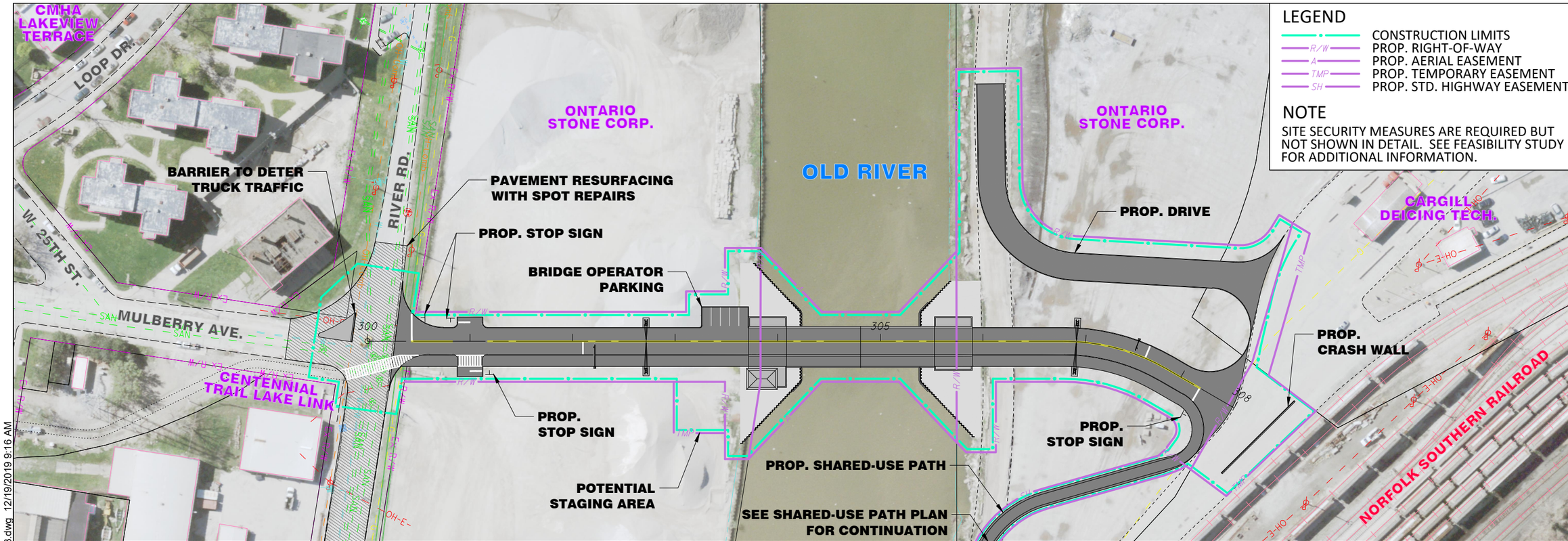


LEGEND

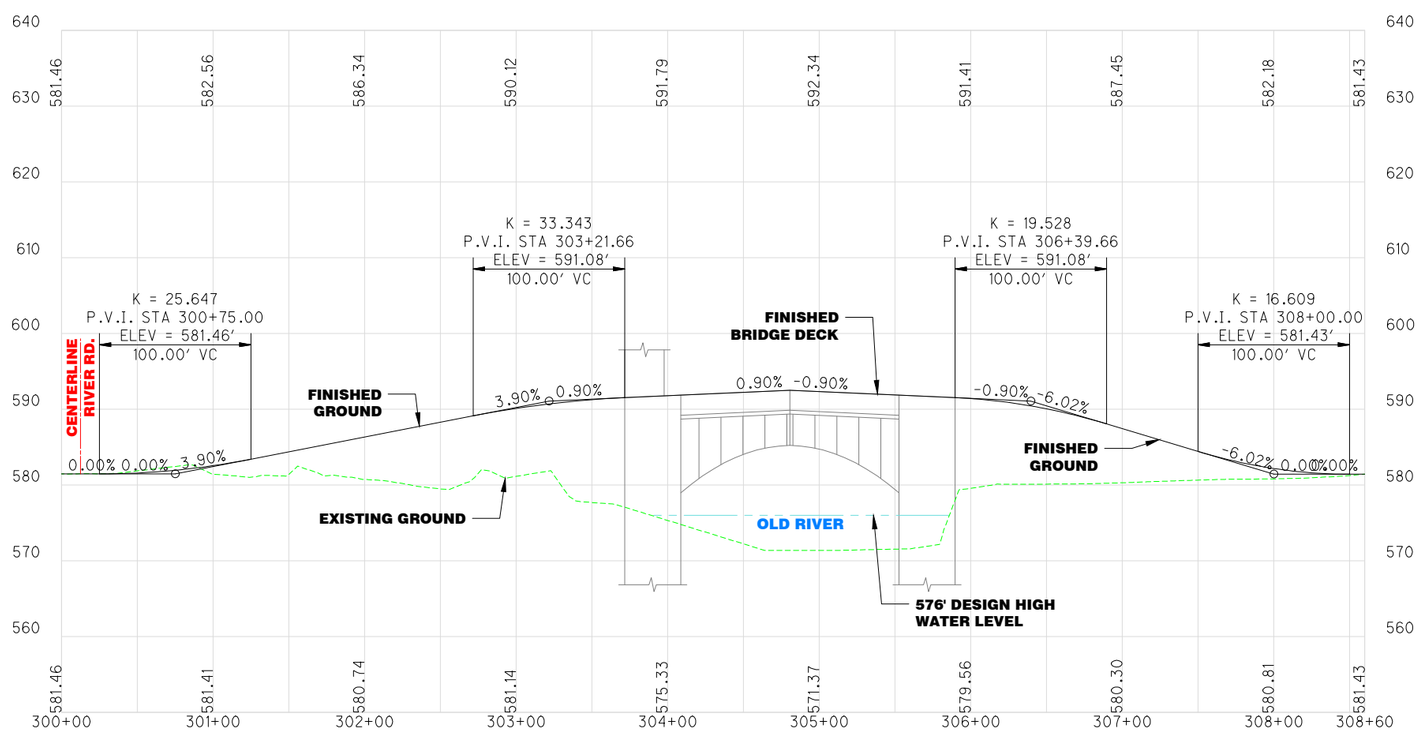
- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- A — PROP. AERIAL EASEMENT
- TMP — PROP. TEMPORARY EASEMENT
- SH — PROP. STD. HIGHWAY EASEMENT

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.

N

0 100 200 SCALE IN FEET



ALTERNATIVE 16
NEW BASCULE BRIDGE AT MULBERRY AVE.
STA. 300+00 TO STA. 308+60

AECOM

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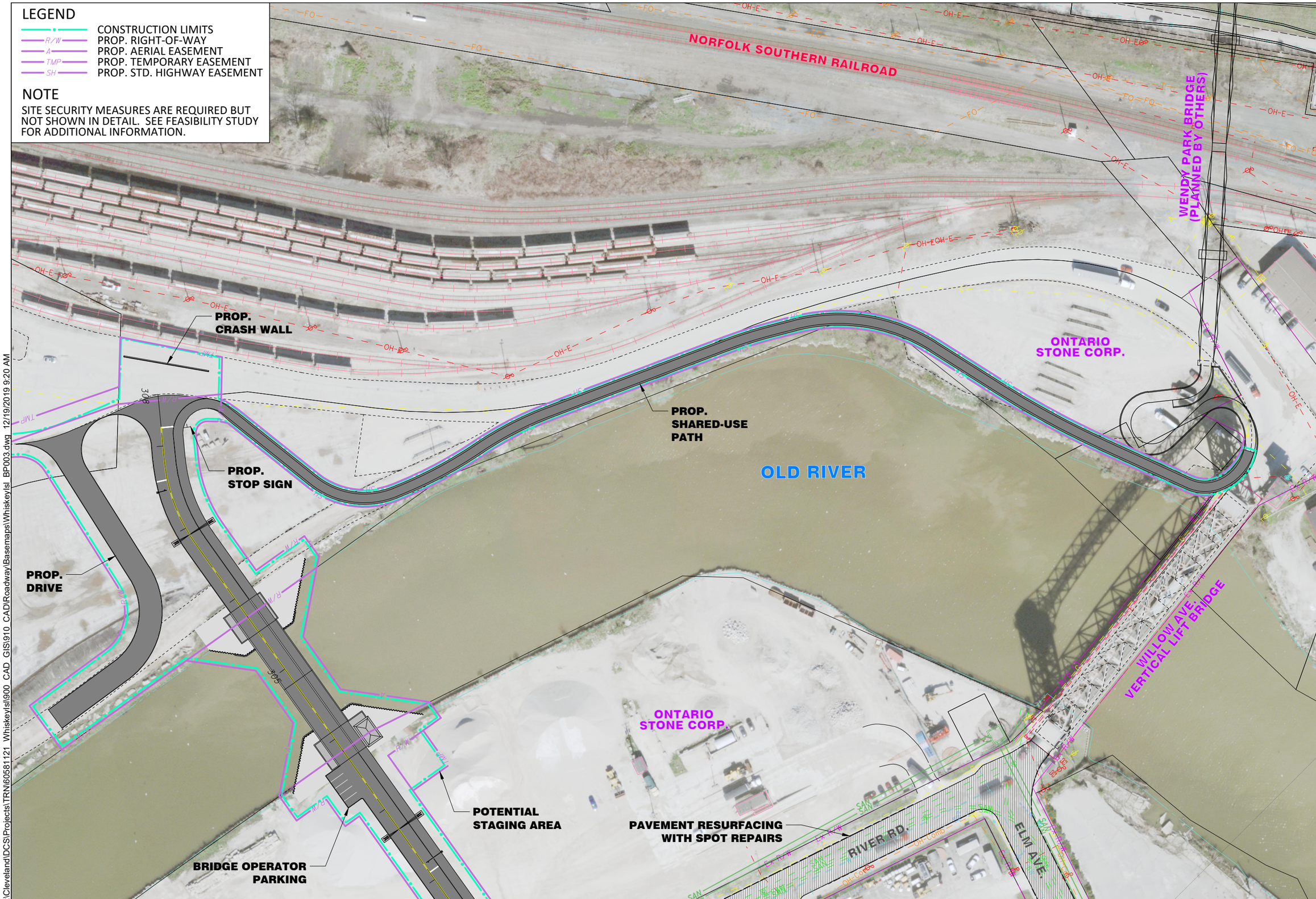
LEGEND

- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- A — PROP. AERIAL EASEMENT
- TMP — PROP. TEMPORARY EASEMENT
- SH — PROP. STD. HIGHWAY EASEMENT

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.



0 100 200 SCALE IN FEET

ALTERNATIVE 16
NEW BASCULE BRIDGE AT MULBERRY AVE.
PROPOSED SHARED-USE PATH

AECOM

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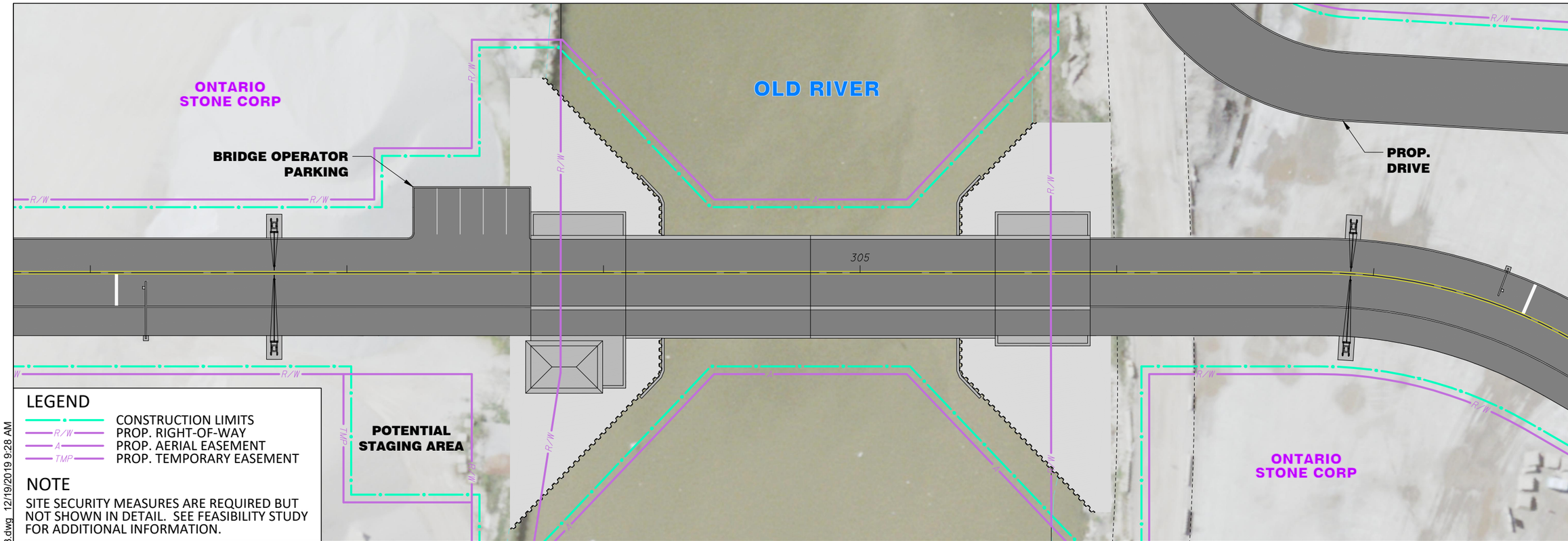
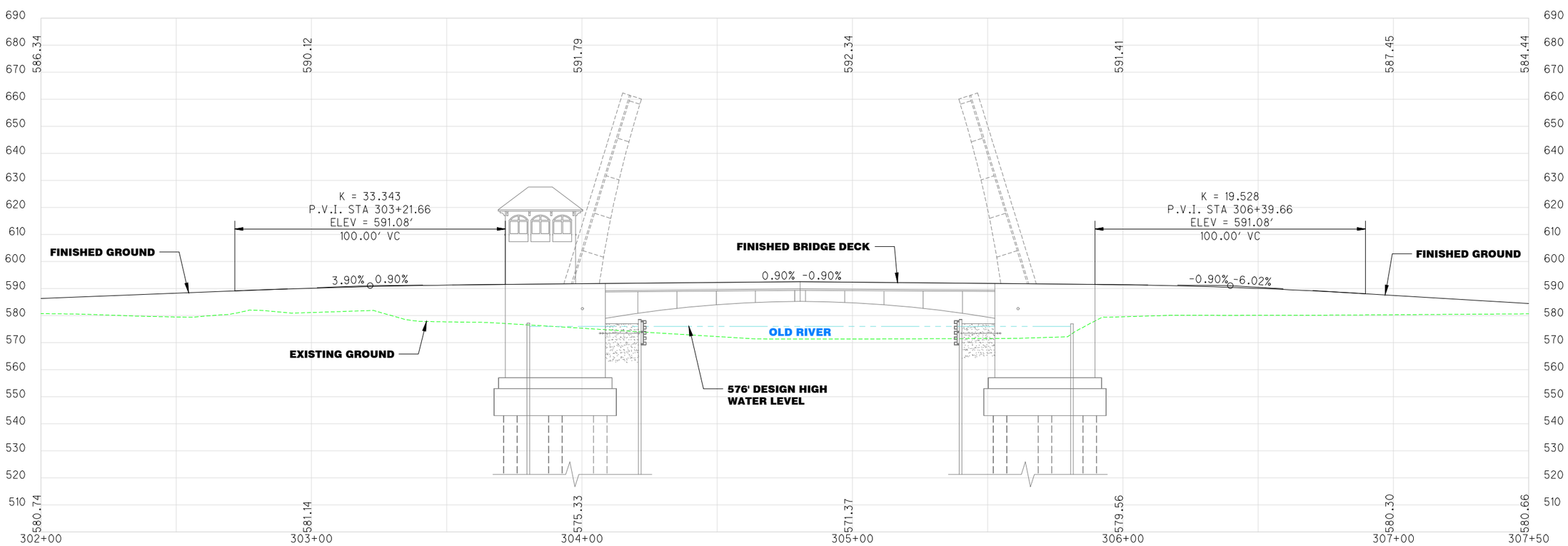


LEGEND

- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- A — PROP. AERIAL EASEMENT
- TMP — PROP. TEMPORARY EASEMENT

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.



N

SCALE IN FEET
0 40 80

ALTERNATIVE 16
NEW BASCULE BRIDGE AT MULBERRY AVE.
BRIDGE DETAIL (STA. 302+00 TO STA. 307+50)

AECOM

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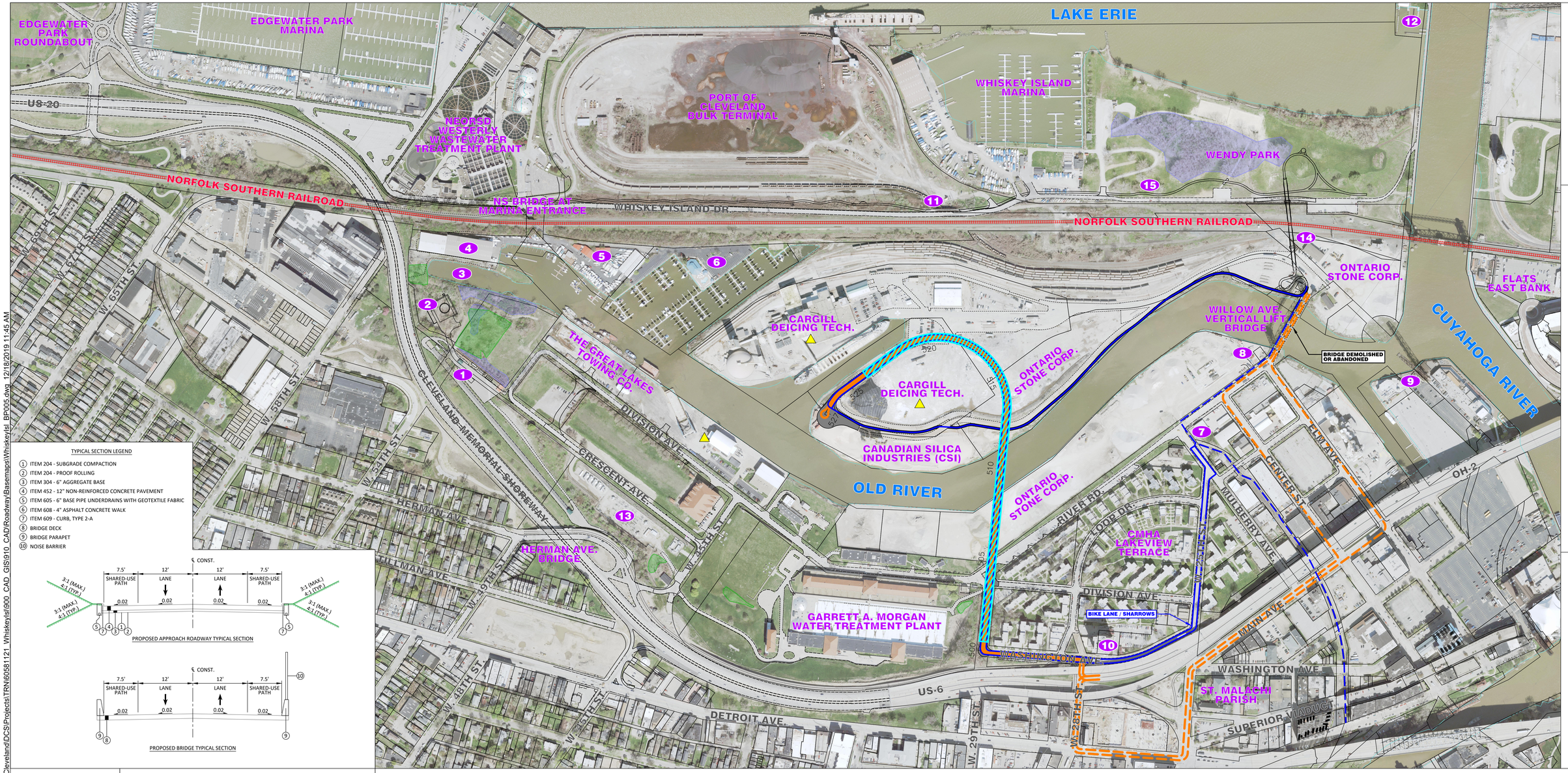
ALTERNATIVE ACCESS TO SOUTH WHISKEY ISLAND FEASIBILITY STUDY

ALTERNATIVE 36
NEW FIXED BRIDGE AT STATE ST.

AECOM



TYPICAL SECTION LEGEND

1. ITEM 204 - SUBGRADE COMPACTION
2. ITEM 204 - PROOF ROLLING
3. ITEM 304 - 6" AGGREGATE BASE
4. ITEM 452 - 12" NON-REINFORCED CONCRETE PAVEMENT
5. ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
6. ITEM 608 - 4" ASPHALT CONCRETE WALK
7. ITEM 609 - CURB, TYPE 2-A
8. BRIDGE DECK
9. BRIDGE PARAPET
10. NOISE BARRIER

PROPOSED APPROACH ROADWAY TYPICAL SECTION

PROPOSED BRIDGE TYPICAL SECTION

50 300 600
0 200 400 800
SCALE IN FEET

SITE OVERVIEW LEGEND

- DELINEATED WETLANDS
- BAT HABITAT AREA
- SITES CONTAINING REGULATED MATERIALS
- PROPOSED ANCILLARY SITE IMPROVEMENTS
- PROPOSED BRIDGE LIMITS
- EXISTING TRUCK ROUTE
- PROPOSED TRUCK ROUTE
- EXISTING PEDESTRIAN / BIKE ROUTE
- PROPOSED PEDESTRIAN / BIKE ROUTE

1. CLEVELAND AREA SOAP BOX DERBY
2. NEORSD WESTERLY TUNNEL DEWATERING PUMP STATION
3. FORMER GRAVING DOCK, TO BE FILLED BY EPA
4. MARINA STORAGE FACILITY
5. IVANCIC MARINE / CHANNEL PARK MARINA
6. OLDE RIVER YACHT CLUB AND DOCKOMINIUMS
7. CENTENNIAL TRAIL LAKE LINK
8. NEORSD WESTERLY LOW-LEVEL RELIEF SEWER
9. SCHERZER ROLLING LIFT BRIDGE (OUT OF SERVICE)
10. CMHA LAKEVIEW TOWER
11. "MOUSE HOLE" (RAIL, ROAD, AND PEDESTRIAN BRIDGES)
12. HISTORICAL CLEVELAND COAST GUARD STATION
13. CLEVELAND PUBLIC POWER SUBSTATION
14. WENDY PARK BRIDGE (PLANNED BY OTHERS)
15. WHISKEY ISLAND CONNECTOR (PLANNED BY OTHERS)

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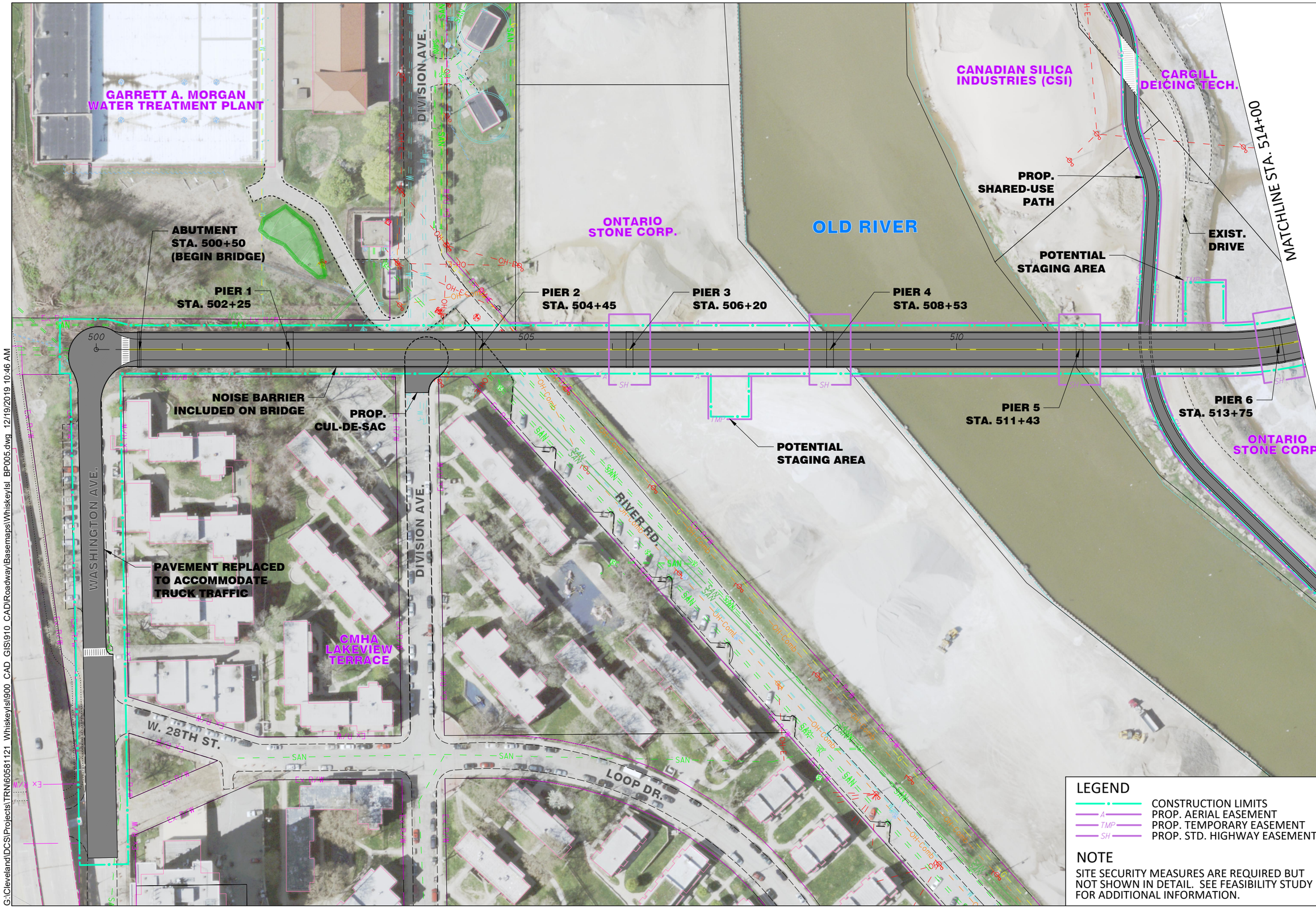

LEGEND

- CONSTRUCTION LIMITS
- A — PROP. AERIAL EASEMENT
- TMP — PROP. TEMPORARY EASEMENT
- SH — PROP. STD. HIGHWAY EASEMENT

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.

ALTERNATIVE 36
NEW FIXED BRIDGE AT STATE ST.
STA. 500+00 TO STA. 514+00

AECOM

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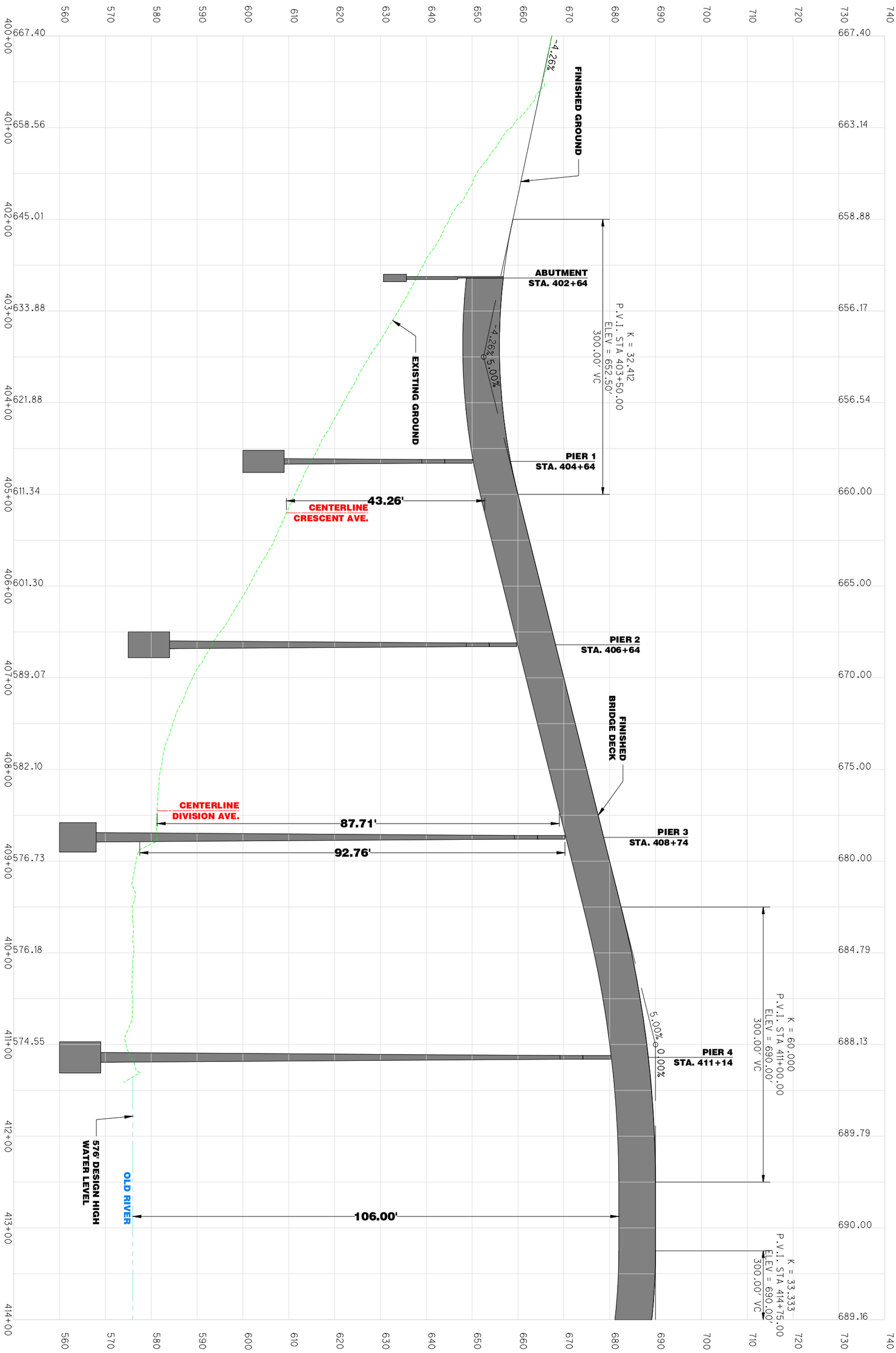
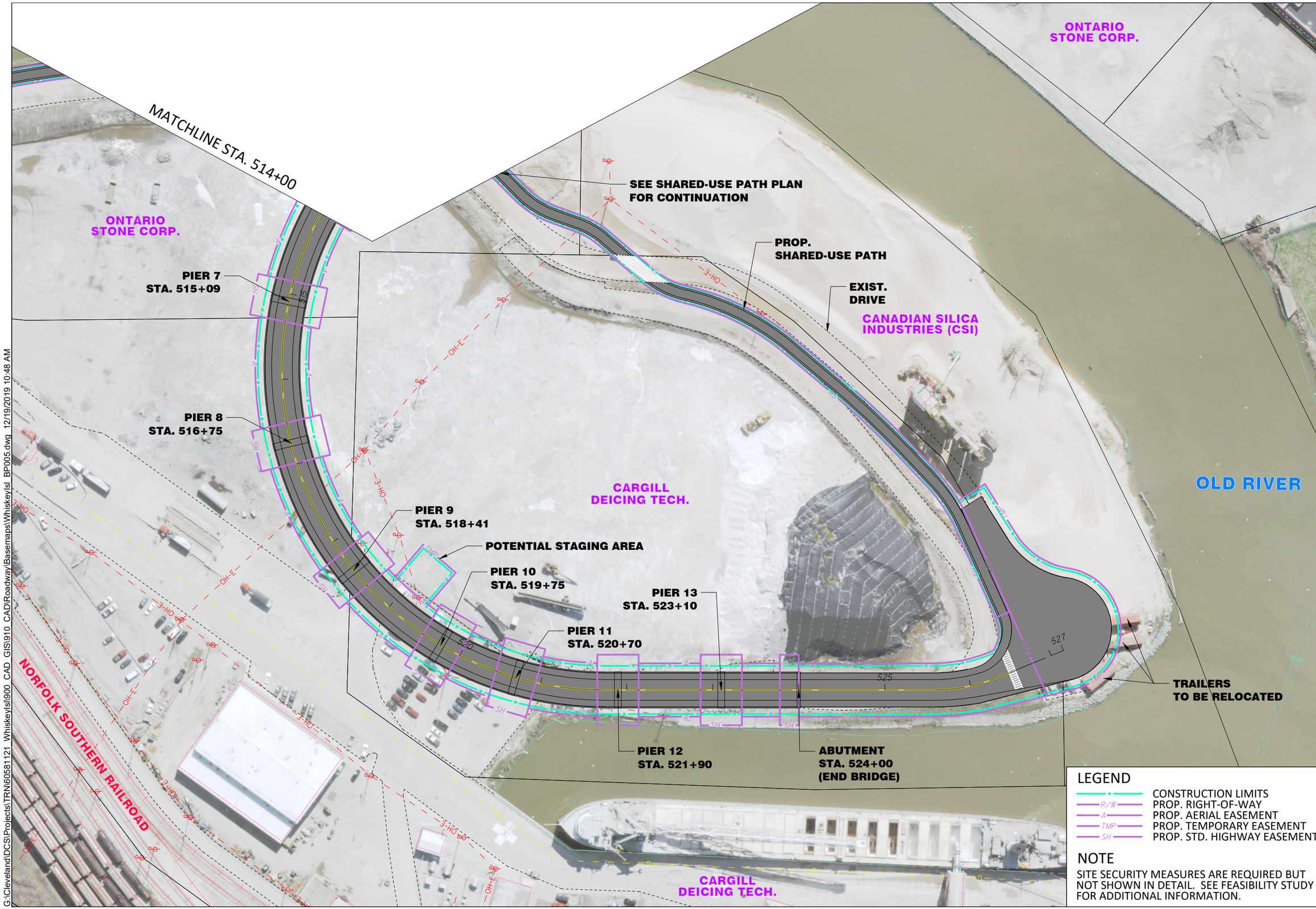


AECOM

ALTERNATIVE 33
NEW FIXED BRIDGE AT W. 45TH ST.
STA. 400+00 TO STA. 414+00



LEGEND

- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- A — PROP. AERIAL EASEMENT
- TMP — PROP. TEMPORARY EASEMENT
- SH — PROP. STD. HIGHWAY EASEMENT

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.

N

0 100 200 SCALE IN FEET

ALTERNATIVE 36
NEW FIXED BRIDGE AT STATE ST.
STA. 514+00 TO STA. 527+16

AECOM

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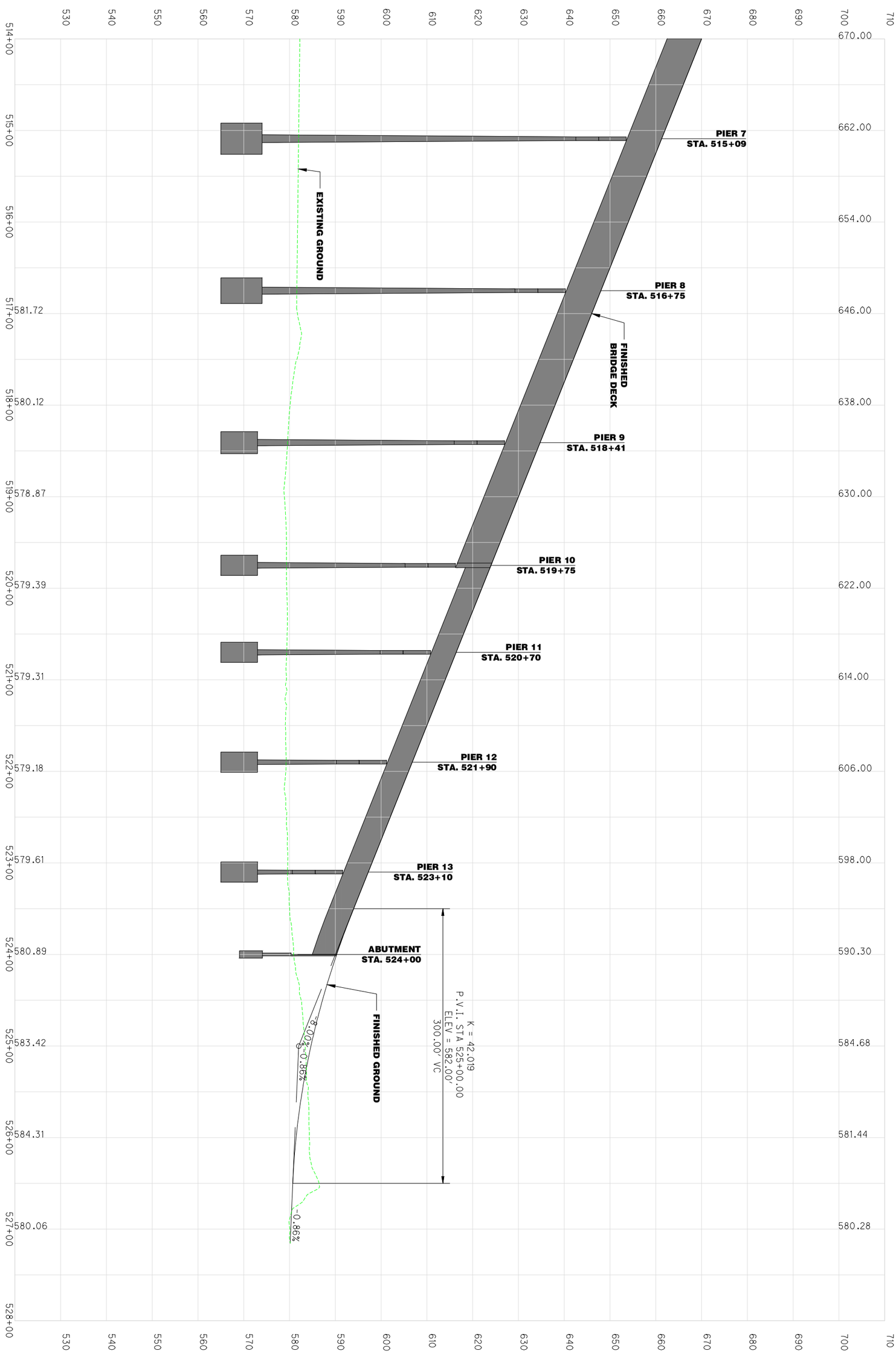
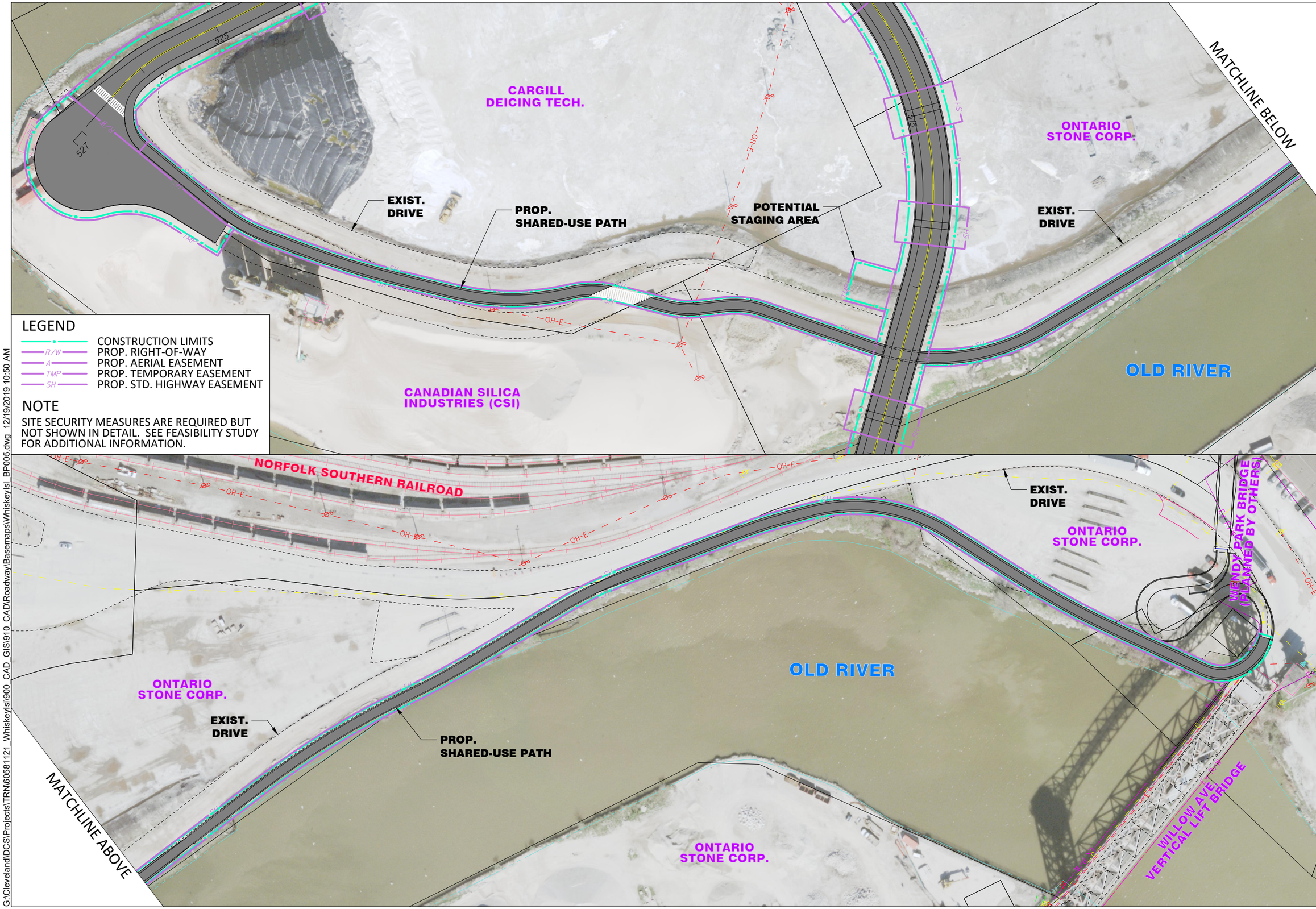


AECOM

ALTERNATIVE 36
NEW FIXED BRIDGE AT STATE ST.
STA. 514+00 TO STA. 527+16



LEGEND

- CONSTRUCTION LIMITS
- R/W — PROP. RIGHT-OF-WAY
- A — PROP. AERIAL EASEMENT
- TMP — PROP. TEMPORARY EASEMENT
- SH — PROP. STD. HIGHWAY EASEMENT

NOTE

SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.

ALTERNATIVE 36
NEW FIXED BRIDGE AT STATE ST.
PROPOSED SHARED-USE PATH

AECOM

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