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

SCALE IN FEET

LEGEND
CONSTRUCTION LIMITS
PROP. TEMPORARY EASEMENT

EXISTING GROUND
FINISHED BRIDGE DECK
MATCH EXISTING
PAVEMENT RESURFACING
WITH SPOT REPAIRS
OLD RIVER
OLD RIVER
VERTICAL LIFT
BRIDGE
VERTICAL LIFT
BRIDGE
WILLOW AVE.
WILLOW AVE.
ELM AVE.
ELM AVE.
RIVER RD.
RIVER RD.
ONTARIO
STONE CORP.

LOW-LEVEL RELIEF SEWER
WESTERLY
LOW-LEVEL RELIEF SEWER
WESTERLY

POTENTIAL STAGING AREA
POTENTIAL STAGING AREA

LEGEND
CONSTRUCTION LIMITS
PROP. TEMPORARY EASEMENT

576' DESIGN HIGH WATER LEVEL
576' DESIGN HIGH WATER LEVEL

FINISHED BRIDGE DECK
MATCH EXISTING
EXISTING GROUND

75 W DESIGN HIGH WATER LEVEL
75 W DESIGN HIGH WATER LEVEL

ONTARIO STONE CORP.
PROPOSED PEDESTRIAN / BIKE ROUTE

W. 69TH ST.

3:1 (MAX.)

4:1 (TYP.)

W. 67TH ST.

3:1 (MAX.)

4:1 (TYP.)

W. 65TH ST.

PROPOSED APPROACH ROADWAY TYPICAL SECTION

PROPOSED BRIDGE TYPICAL SECTION

SCALE IN FEET

0 200 400 600

50 300 600

PROPOSED BRIDGE LIMITS

EXISTING TRUCK ROUTE

EXISTING PEDESTRIAN / BIKE ROUTE

PROPOSED TRUCK ROUTE

PROPOSED PEDESTRIAN / BIKE ROUTE

SITE OVERVIEW LEGEND

POLLUTION HOTSPOTS

BAT HABITAT AREA

SITES CONTAINING REGULATED MATERIALS

PROPOSED ANCILLARY SITE IMPROVEMENTS

CLEVELAND AREA SOAP BOX DERBY

NEORSD WESTERN PIPELINE (OUT OF SERVICE)

NEORSD WESTERN LOW-LEVEL RELIEF SEWER

SCHERZER ROLLING LIFT BRIDGE (OUT OF SERVICE)

IVANCIC MARINE / CHANNEL PARK MARINA

CUYAHOGA RIVER

LAKE ERIE

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

COLUMBUS AVE.

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

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

LEGEND
CONSTRUCTION LIMITS
PROP. RIGHT-OF-WAY
PROP. TEMPORARY EASEMENT
BUILDING TO BE DEMOLISHED

SCALE IN FEET
0 40 80

ONTARIO STONE CORP.

OLD RIVER

PROP. STOP SIGN
PROP. SHARED-USE PATH

PAVEMENT RESURFACING WITH SPOT REPAIRS

ELM AVE.

FINISHED BRIDGE DECK
EXISTING GROUND

WILLOW AVE.

POTENTIAL STAGING AREA

WATER LEVEL
5' 29.82

P.V. 1 STA 202+468.79
ELEV. = 205.30

WATER LEVEL
5' 27.39

P.V. 3 STA 204+442.14
ELEV. = 207.44

5' 20.78

P.V. 4 STA 205+380
ELEV. = 206.00

FINISHED GROUND

POTENTIAL STAGING AREA

BRIDGE OPERATOR PARKING

STONE CORP.

PROP.

SHARED-USE PATH

PROP.

STOP SIGN

POTENTIAL STAGING AREA

PROP. TEMPORARY EASEMENT

BUILDING TO BE DEMOLISHED

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

SCALE: FEET

- FINISHED BRIDGE DECK
- PAVEMENT RESURFACING WITH SPOT REPAIRS
- PROP. STOP SIGN
- BRIDGE OPERATOR PARKING
- POTENTIAL STAGING AREA
- PROP. SHARED-USE PATH
- SEE SHARED-USE PATH PLAN FOR CONTINUATION

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

LEGEND
CONSTRUCTION LIMITS
PROP. RIGHT-OF-WAY
PROP. AERIAL EASEMENT
PROP. TEMPORARY EASEMENT
PROP. STD. HIGHWAY EASEMENT

NOTE
SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.
NOTE
SITE SECURITY MEASURES ARE REQUIRED BUT
NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY
FOR ADDITIONAL INFORMATION.
NOTE
SITE SECURITY MEASURES ARE REQUIRED BUT NOT SHOWN IN DETAIL. SEE FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.
ALTERNATIVE 33
NEW FIXED BRIDGE AT W. 45TH ST.
STA. 400+00 TO STA. 414+00
ALTERNATIVE 36
NEW FIXED BRIDGE AT STATE ST.
STA. 514+00 TO STA. 527+16

PIER 7
STA. 515+09

PIER 8
STA. 516+75

PIER 9
STA. 518+41

PIER 10
STA. 519+75

PIER 11
STA. 520+70

PIER 12
STA. 521+90

PIER 13
STA. 523+10

ABUTMENT
STA. 524+00

EXISTING GROUND

FINISHED BRIDGE DECK

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

LEGEND
- CONSTRUCTION LIMITS
- PROP. RIGHT-OF-WAY
- PROP. AERIAL EASEMENT
- PROP. TEMPORARY EASEMENT
- PROP. STD. HIGHWAY EASEMENT

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

MATCHLINE BELOW
MATCHLINE ABOVE

SCALE IN FEET
0 100 200

ONTARIO STONE CORP.
OLD RIVER

EXIST. DRIVE
PROP. SHARED-USE PATH
POTENTIAL STAGING AREA

CARGILL DEICING TECH.

NORFOLK SOUTHERN RAILROAD

CANADIAN SILICA INDUSTRIES (CSI)

ONTARIO STONE CORP.
OLD RIVER

EXIST. DRIVE

PROP. SHARED-USE PATH

EXIST.

WENDY PARK BRIDGE (PLANNED BY OTHERS)
VERTICAL LIFT BRIDGE
WILLOW AVE.