Niagara Gorge Corridor

Robert Moses Parkway Removal Main Street to Findlay Drive Niagara Falls, NY

Design Report/Environmental Assessment

Appendix A - Profiles and Typical Sections

A.3 Profiles

A.4 Typical Sections

A.5 Cross Sections

PIN 5761.90

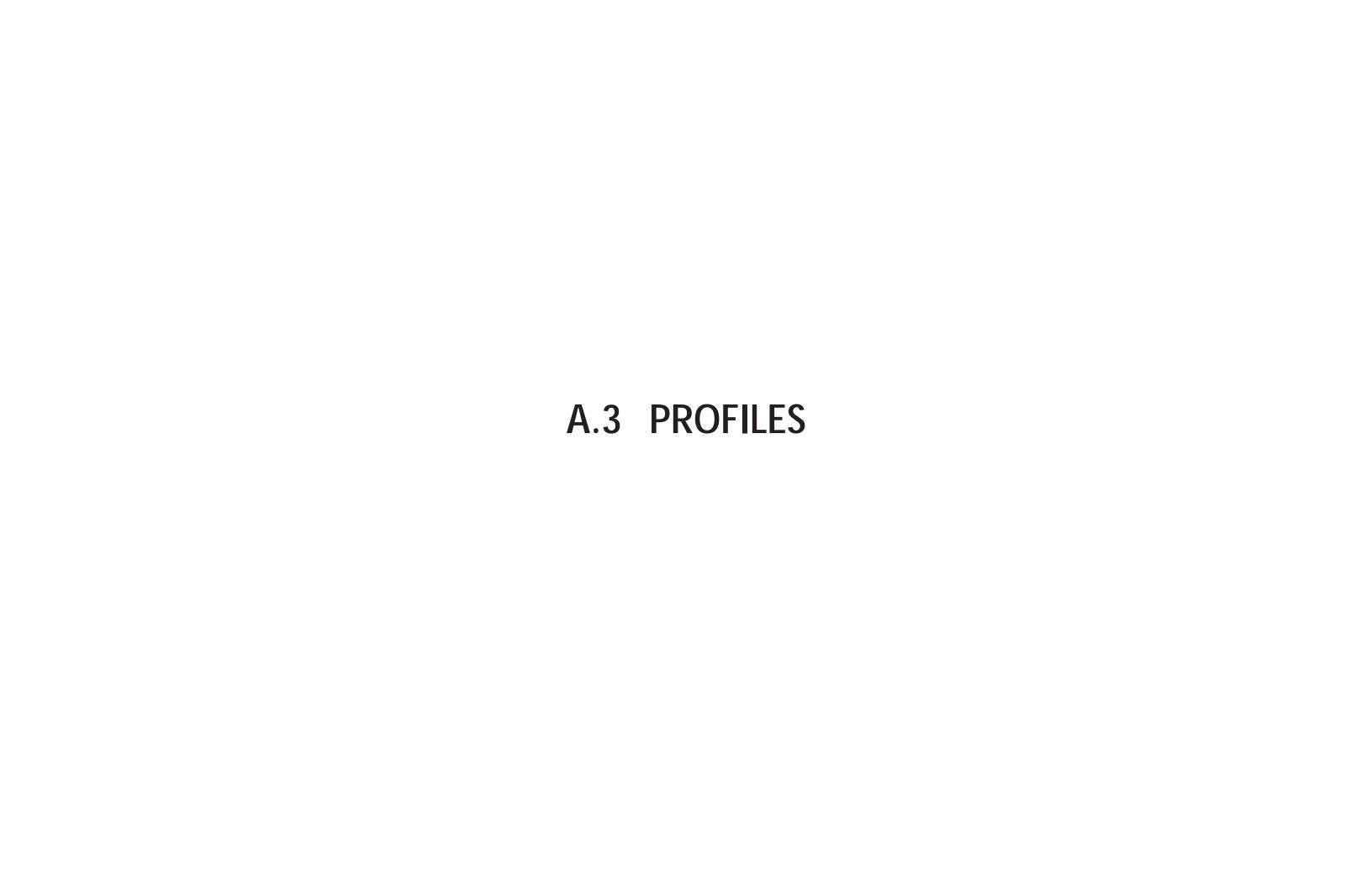
July 2016

In cooperation with:

New York State Department of Transportation New York Power Authority USA Niagara Development Corporation The City of Niagara Falls, NY

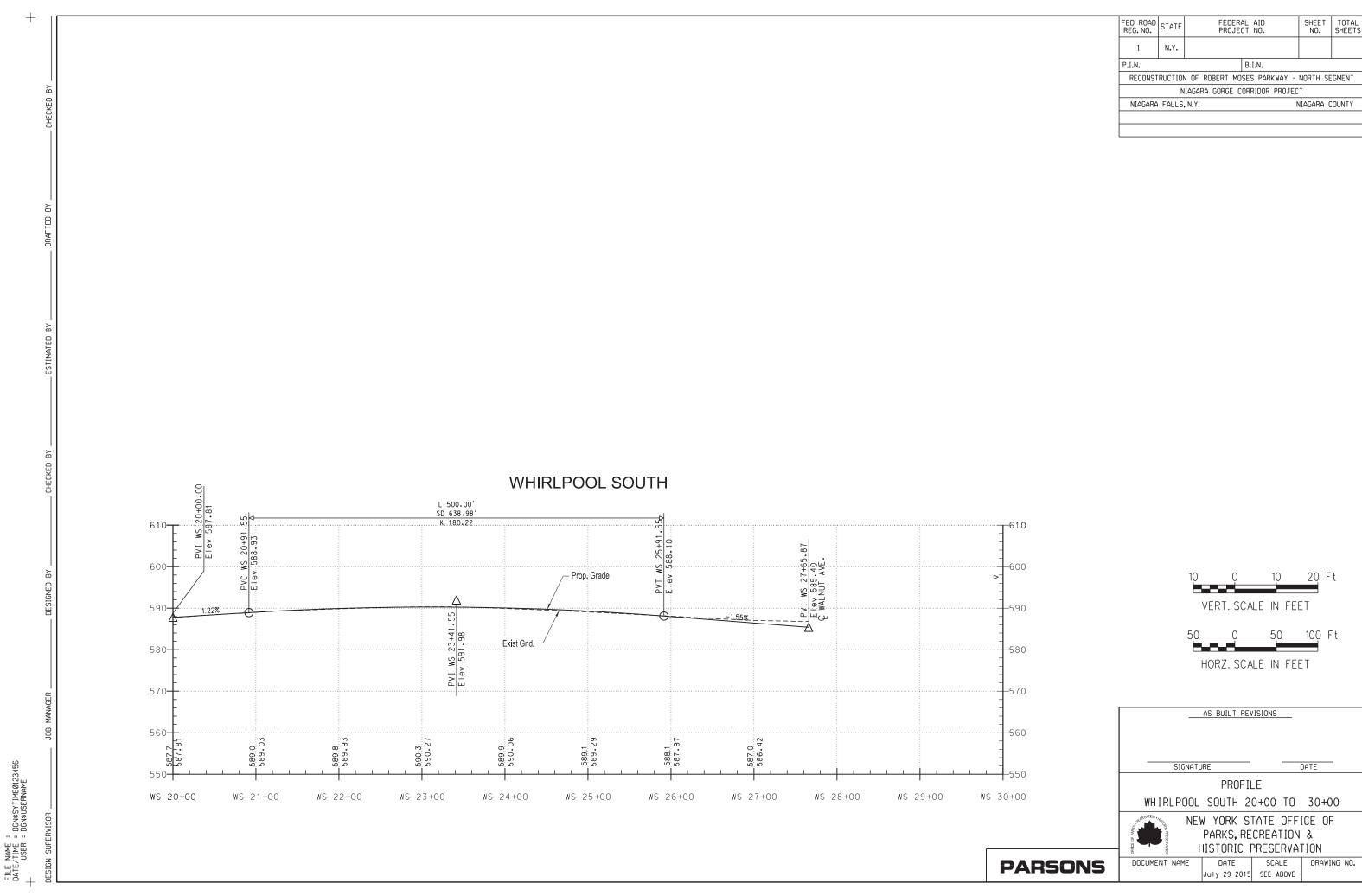






FED ROAD STATE FEDERAL AID PROJECT NO. SHEET TOTAL SHEETS N.Y. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY PARK ROAD DISCOVERY WALNUT AVE. -610 610 L 200,00'
SD 451.96'
K 65.23 600 -600 PVI PR 21+96.21 Elev 572.60 -590 -580 580-570- Prop. Grade Exist Gnd. -560 PR 21+00 PR 20+00 PR 22+00 PR 23+00 PR 24+00 PR 25+00 PARK ROAD DISCOVERY --610 L 200.00' SD 451.96' K 65.23 -600 20 Ft L 180.00' K 93.50 VERT. SCALE IN FEET 590--590 Exist Gnd. -50 100 Ft 580--580 HORZ. SCALE IN FEET -570 Prop. Grade AS BUILT REVISIONS -560 **2** 560-FILE NAME = DATE/TIME = DGN\$SYTIME0123456 USER = DGN\$USERNAME SIGNATURE DATE PROFILE PR 10+00 PR 11+00 PR 12+00 PR 13+00 PR 14+00 PR 15+00 PR 16+00 PR 17+00 PR 18+00 PR 19+00 PR 20+00 PARK ROAD STA PR 10+00 TO PR 25+00 NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION **PARSONS** DOCUMENT NAME DATE SCALE DRAWING NO. July 24 2015 SEE ABOVE

FED ROAD STATE FEDERAL AID PROJECT NO. SHEET TOTAL SHEETS N.Y. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY PVI WA 38+61.00 Elev 602.58 C.3RD / WHIRLPOOL 9 PVI WA 38+47.76 Elev 602.32 WALNUT AVENUE L 100.00' SD 1398.71' K 124.98 ¢ PARK ROAD DISCOVERY PVI WA 33+15.79 /Elev 574.14 --610 PVT WA 36+25.00 Elev 589.91 PVI WA 35+75.00 Elev 587.13 PVC WA 35+25.00 Elev 583.95 -600 20 Ft Exist Gnd. VERT. SCALE IN FEET 590--590 50 100 Ft 0 Prop. Grade ST. SOUTH 580--580 HORZ. SCALE IN FEET ¢ WHIRLPOOL ST. SO Std. WA 35+48.10 2.00% 2.00% -570 PVI WA 33+27. Elev 573.90 AS BUILT REVISIONS 560--560 570.1 570.87 FILE NAME = DGN\$SYTIMEØ123456 DATE/TIME = DGN\$SYTIMEØ123456 H USER = DGN\$USERNAME SIGNATURE DATE **PROFILE** WA 30+00 WA 31+00 WA 32+00 WA 33+00 WA 34+00 WA 35+00 WA 37+00 WA 38+00 WA 39+00 WA 36+00 WA 40+00 WALNUT AVE STA WA 30+00 TO PR WA 40+00 NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION **PARSONS** DOCUMENT NAME DATE SCALE DRAWING NO. July 29 2015 SEE ABOVE



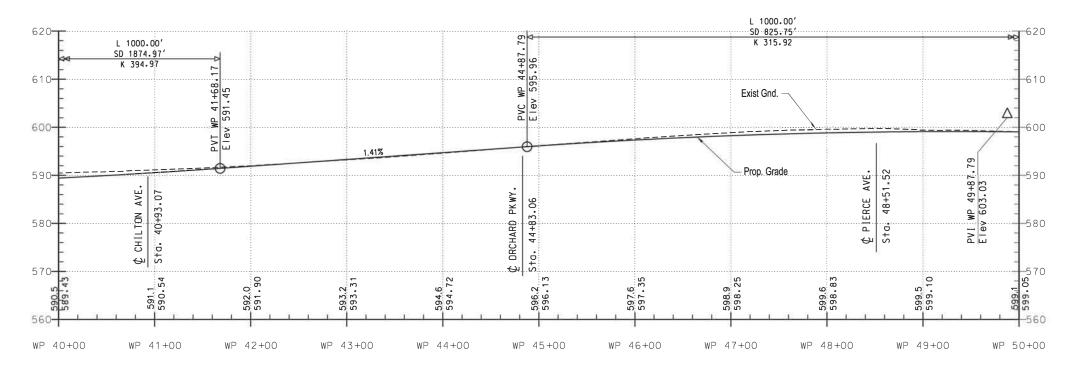
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FED ROAD STATE FEDERAL AID PROJECT NO. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. PUMP STATION SERVICE ROAD L 55.00' SD 333.34' K 15.59 --630 -610 -600 590 -590 580 -580 570 560--560 -550 581.6 **582.43** 0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 AS BUILT REVISIONS FILE NAME = DGN*SYTIMEØ123456 DATE/TIME = DGN*SYTIMEØ123456 USER = DGN*USERNAME PUMP ROAD SERVICE ROAD FROM 3RD. ST. TO EXIST. ROAD NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION **PARSONS** DOCUMENT NAME SCALE DRAWING NO.

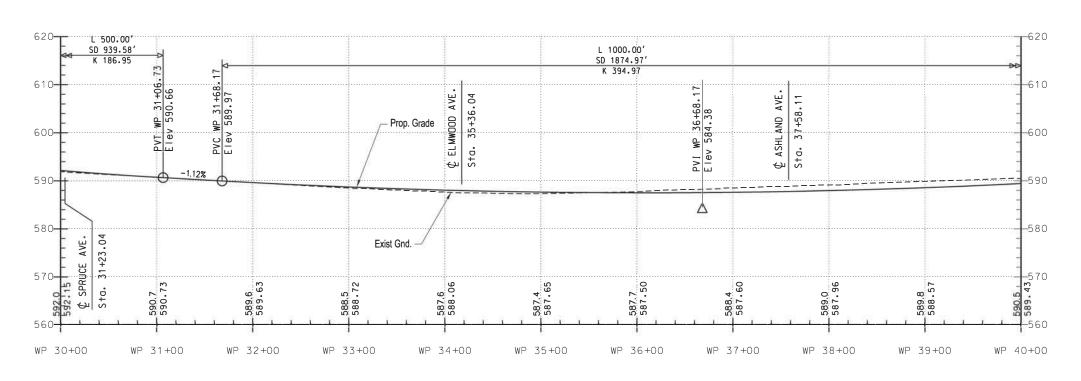
FED ROAD STATE FEDERAL AID PROJECT NO. SHEET TOTAL SHEETS N.Y. P.I.N. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY THIRD STREET / WHIRLPOOL STREET L 220.00' SD 330.11' ...SD. 2414.06' .K. 44.87. 630 -630 PVC WP 23+10. Elev 608.79 L 500.00' K 658.55 PVI WP 24+20.22 Elev 610.01 SD 939.58' K 186.95 PVC WP 26+06.73 Elev 602.93 A CEDAR AVE. ta. 26+57.35 620--620 PVI WP 28+56.73 Elev 593.45 ¢ CEC S+a. 610--610 Exist Gnd. --600 600-- Prop. Grade 590--590 -580 580-606.9 683.8 683.08 608. WP 20+00 WP 21+00 WP 22+00 WP 23+00 WP 24+00 WP 25+00 WP 26+00 WP 27+00 WP 28+00 WP 29+00 WP 30+00 THIRD STREET / WHIRLPOOL STREET L 600.00' --630 SD 2414.06" L 180.00' SD 1052.97' K 658.55 K 160.62 PVC WP 11+22.62 Elev 600.85 PVI WP 18+09.67 Elev 603.23 ¢ PINE AVE. Sta. 19+29.€ -620 20 Ft Exist Gnd. -VERT. SCALE IN FEET -610 610 0 50 100 Ft \triangle -600 Prop. Grade -HORZ. SCALE IN FEET _0.08% 590--590 AS BUILT REVISIONS 18 580 580-601.7 602.6 602.61 FILE NAME = DAN\$SYTIMEØ123456 DATE/TIME = DGN\$USERNAME USER = DGN\$USERNAME SIGNATURE DATE **PROFILE** WP 10+00 WP 11+00 WP 15+00 WP 19+00 WP 12+00 WP 13+00 WP 14+00 WP 16+00 WP 17+00 WP 18+00 WP 20+00 THIRD-WHIRLPOOL STA 10+00 TO 30+00 NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION DOCUMENT NAME DATE SCALE DRAWING NO. **PARSONS** July 29 2015 SEE ABOVE

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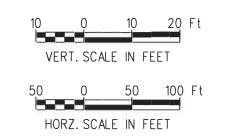
WHIRLPOOL STREET



WHIRLPOOL STREET



FED ROAD STATE FEDERAL AID PROJECT NO. SHEET TOTAL SHEETS N.Y. P.I.N. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY



AS BUILT REVISIONS SIGNATURE DATE **PROFILE**

WHIRLPOOL STREET STA 30+00 TO 50+00



NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

DRAWING NO.

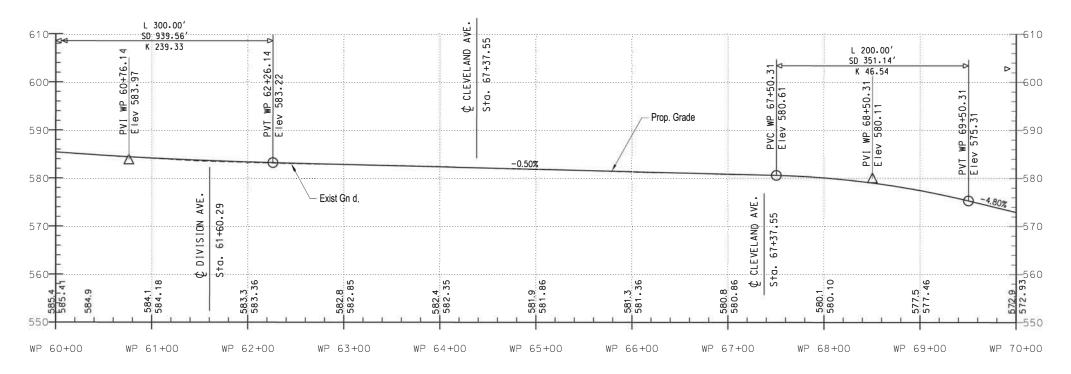
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DATE SCALE July 29 2015 SEE ABOVE

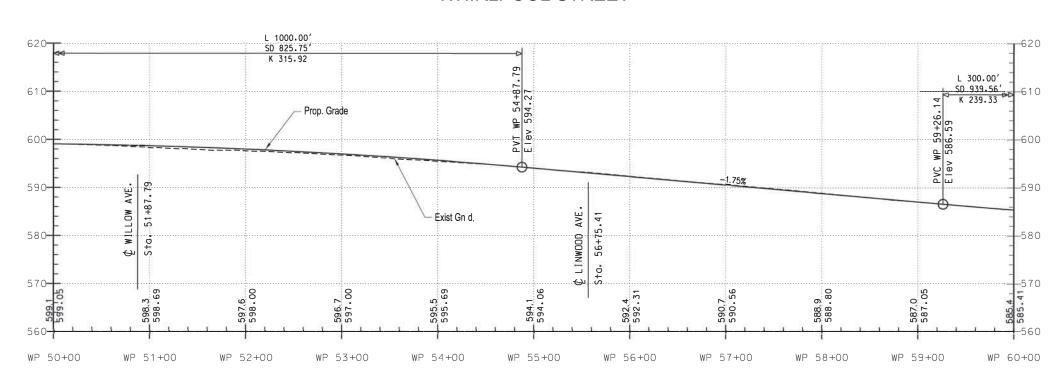
PARSONS

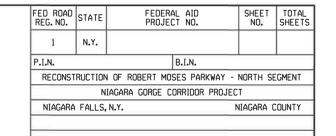
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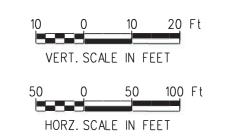
WHIRLPOOL STREET

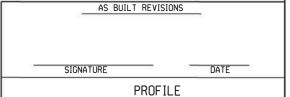


WHIRLPOOL STREET









WHIRLPOOL STREET STA 50+00 TO 70+00



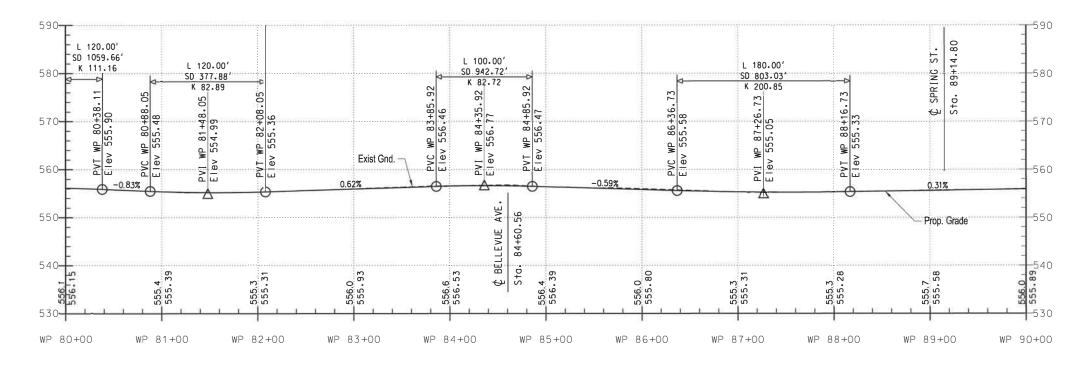
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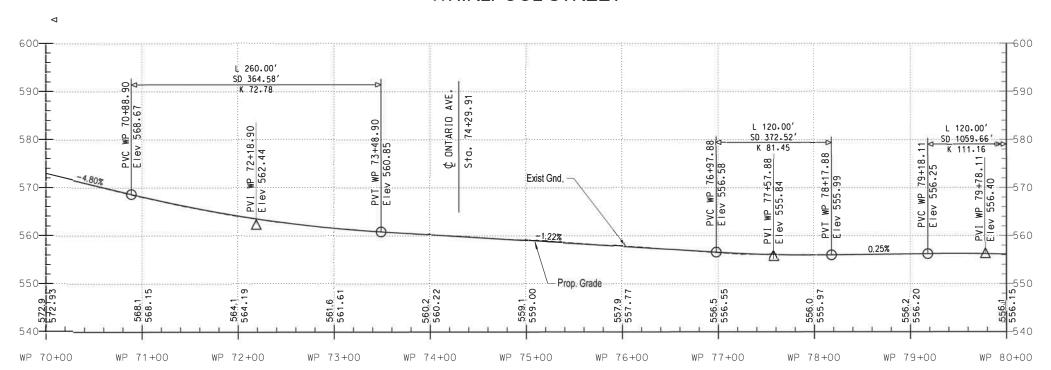
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July 29 2015 SEE ABOVE

PARSONS

WHIRLPOOL STREET



WHIRLPOOL STREET



FED ROAD REG. NO.

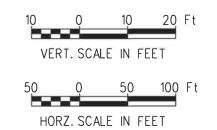
1 N.Y.

P.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT

NIAGARA GORGE CORRIDOR PROJECT

NIAGARA COUNTY



AS BUILT REVISIONS

SIGNATURE DATE

PROFILE
WHIRLPOOL STREET STA 70+00 TO 90+00



NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION



Whirlpool 590 590 L 100.00' SD 467.28' L 300.00' L 300.00' SD 1588.94 SD 604.66' Elev 560.60 PVI WP 108+85,83 Elev 561.33 PVT WP 103+26.91 Elev 559.82 PVC WP 103+36.87 Elev 559.95 K 144.83 K 108.41 PVT WP 104+36.87 Elev 559.96 580-PVC WP 104+79.31 Elev 559.42 PVT WP 107+79.31 Elev 559.74 -580 PVI WP 106+29.31 Elev 557.50 PVI WP 101+76.91 Elev 557.85 Exist Gnd. 570-570 1.49% -560 -0.76% ¢ FINDLAY AVE. Sta. 102+55.47 550--550 Prop. Grade 540-540 558.6 559.18 561.3 561.33 WP 100+00 WP 101+00 WP 102+00 WP 103+00 WP 104+00 WP 105+00 WP 106+00 WP 107+00 WP 108+00 WP 109+00 WP 110+00 Whirlpool 590--590 94+13.63 C CHASM AVE. L 100.00' L 100.00' SD 554.99' K 131.49 SD 640.08' PVI WP 98+57.8555 580-580 PVT WP 96+74.97 Elev 558.33 PVI WP 96+24.97 Elev 557.80 570--570 Exist Gnd. --0.76% 560-560 0.31% 550 -550 © CHESTNUT A Sta. 98+75.0 560.0 559.96 Prop. Grade -540 540-557.5 557.42 557.3 557.11 WP 90+00 WP 97+00 WP 98+00 WP 91+00 WP 92+00 WP 93+00 WP 94+00 WP 95+00 WP 96+00 WP 99+00 WP 100+00 **PARSONS**

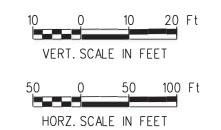
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1 N.Y.

P.I.N. B.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT

NIAGARA FALLS, N.Y. NIAGARA COUNTY



AS BUILT REVISIONS

SIGNATURE DATE

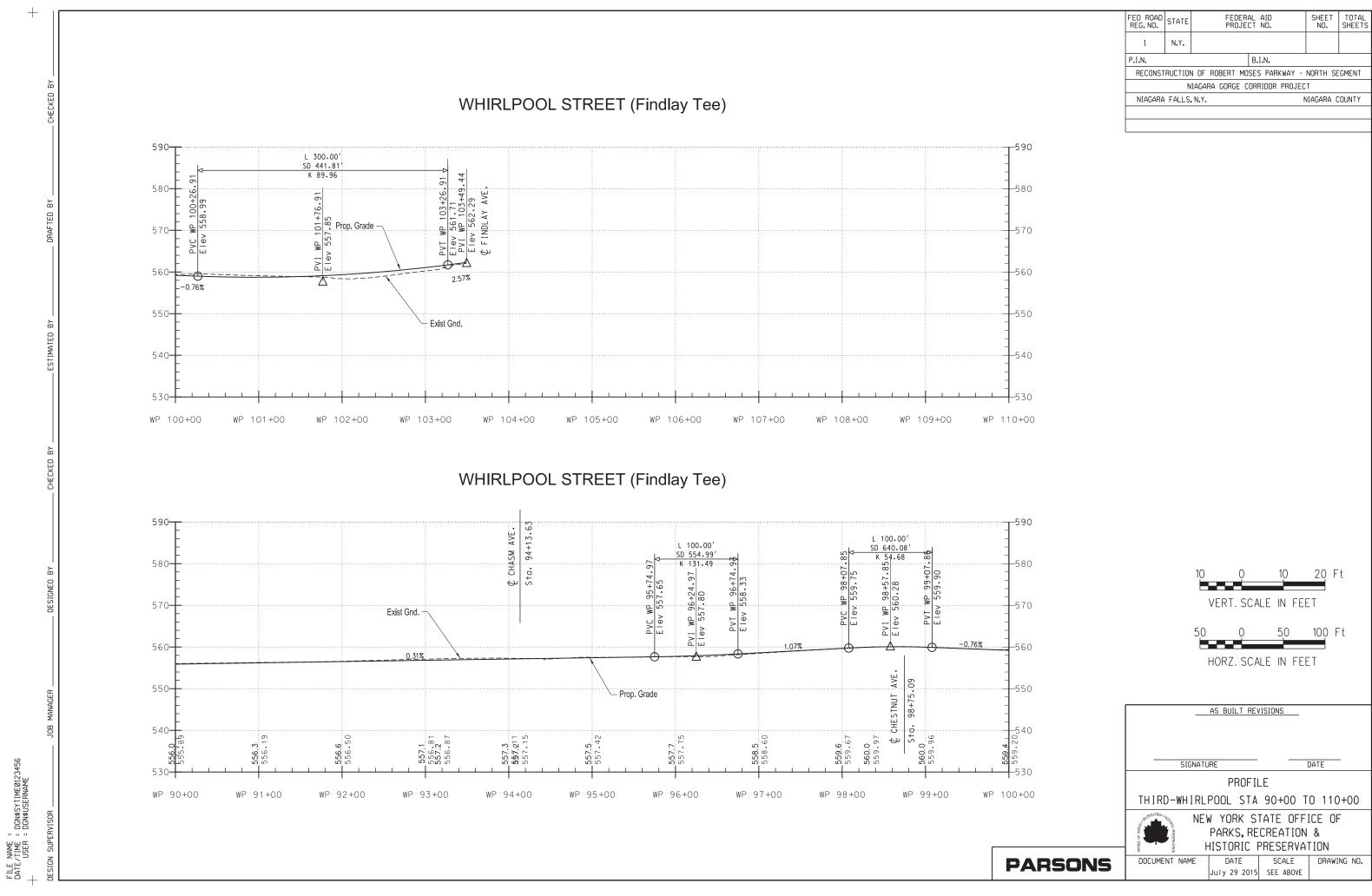
PROFILE
WHIRLPOOL STREET STA 90+00 TO 111+00



NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

DOCUMENT NAME

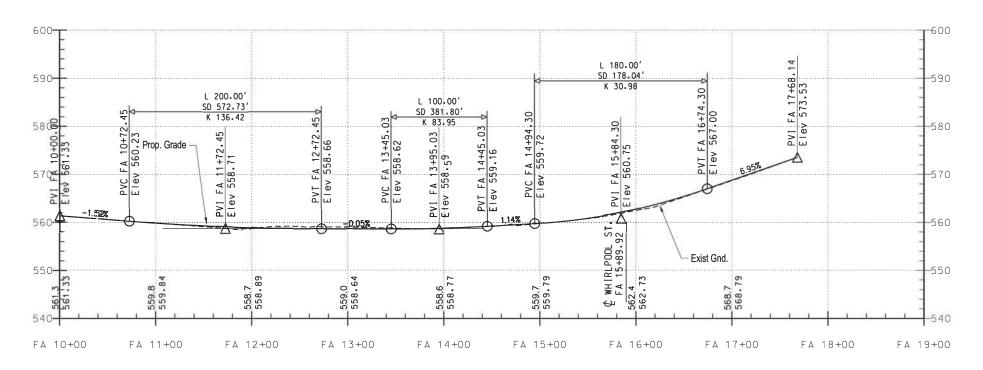
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July 29 2015 SEE ABOVE

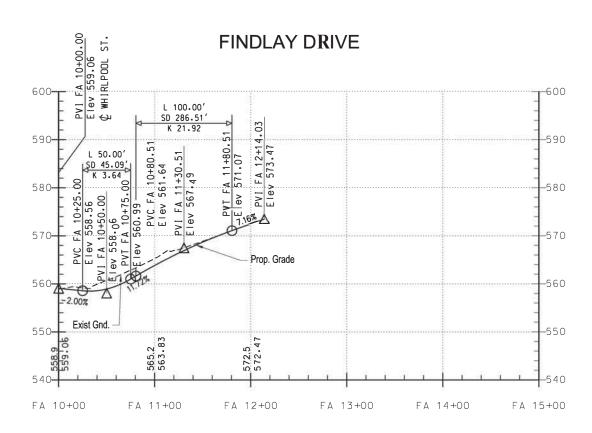




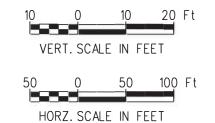
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FINDLAY DRIVE (TEE)





FED ROAD STATE FEDERAL AID PROJECT NO. SHEET TOTAL SHEETS N.Y. P.I.N. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY



AS BUILT REVISIONS SIGNATURE DATE

PROFILE FINDLAY AVE. 10+00 TO 19+00

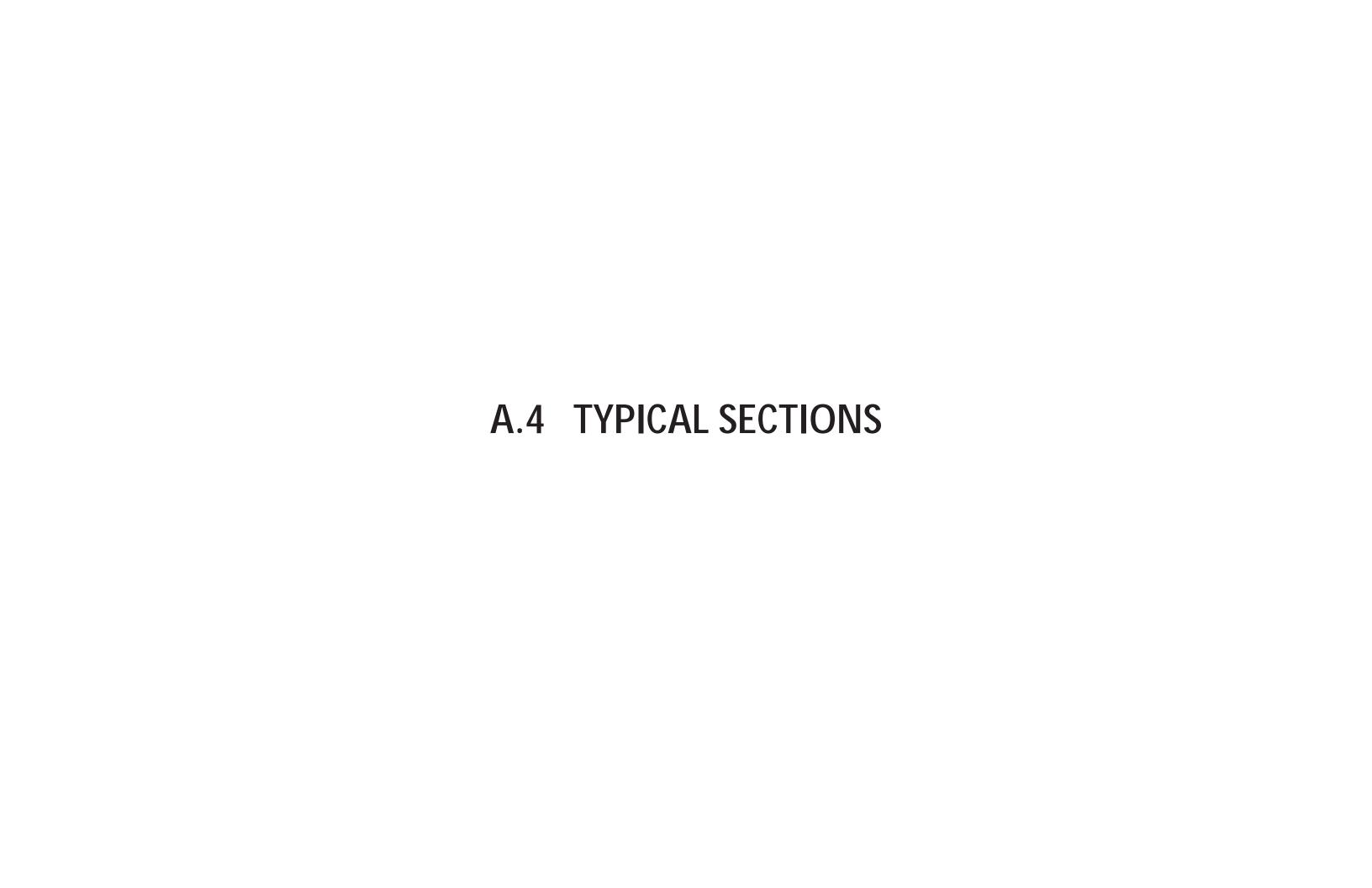


NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

PARSONS

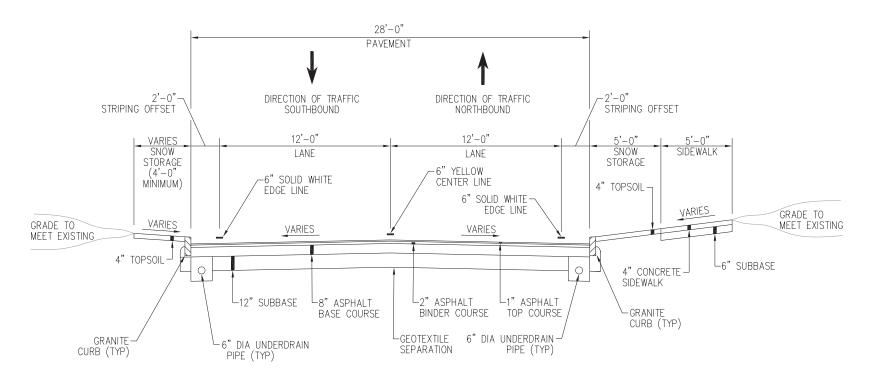
DOCUMENT NAME DATE

SCALE DRAWING NO. July 29 2015 SEE ABOVE



28'-0" PAVEMEN⁻ 2'-0" STRIPING OFFSET -2'-0" STRIPING OFFSET DIRECTION OF TRAFFIC DIRECTION OF TRAFFIC SOUTHBOUND NORTHBOUND 12'-0" SIDEWALK SNOW LANE LANE SIDEWALK STORAGE STORAGE YELLOW ' SOLID WHITE CENTER LINE 4" TOPSOIL EDGE LINE 6" SOLID WHITE-EDGE LINE GRADE TO GRADE TO VARIES MEET EXISTING VARIES VARIES MEET EXISTING 4" TOPSOIL-└6" SUBBASE 4" CONCRETE SIDEWALK L6" SUBBASE L₁" ASPHALT 4" CONCRETE SIDEWALK L₂" ASPHALT L12" SUBBASE └8" ASPHALT -GRANITE BASE COURSE BINDER COURSE TOP COURSE CURB (TYP) -GEOTEXTILE 6" DIA UNDERDRAIN -GRANITE 6" DIA UNDERDRAIN SEPARATION CURB (TYP) PIPE (TYP) PIPE (TYP)

1 TYPICAL PARK ACCESS ROAD FROM MAIN STREET TO WALNUT AVENUE (SIDEWALK ON BOTH SIDES)
SCALE:



TYPICAL PARK ACCESS ROAD FROM MAIN STREET TO WALNUT AVENUE (SIDEWALK ON ONE SIDE)

FED ROAD REG. NO. STATE FEDERAL AID PROJECT NO. SHEET TOTAL SHEETS

1 N.Y. B.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT

NIAGARA GORGE CORRIDOR PROJECT

NIAGARA FALLS, N.Y. NIAGARA COUNTY

GENERAL NOTES

- TYPICAL SECTION FROM MAIN STREET TO STATION PR 12+25 DIFFERENT DUE TO RIGHT TURN RAMP FROM MAIN STREET ONTO PARK ACCESS ROAD. SEE CROSS SECTIONS FOR MORE INFORMATION.
- 2. PAVEMENT STRIPING TO MEET NYSDOT STANDARD SPECIFICATION SECTION 685 EPOXY REFLECTORIZED PAVEMENT MARKINGS.
- REFER TO NYSDOT STANDARD SHEET 685-01 FOR LAYOUT OF PAVEMENT STRIPING.

AS BUILT REVISIONS
SIGNATURE DATE



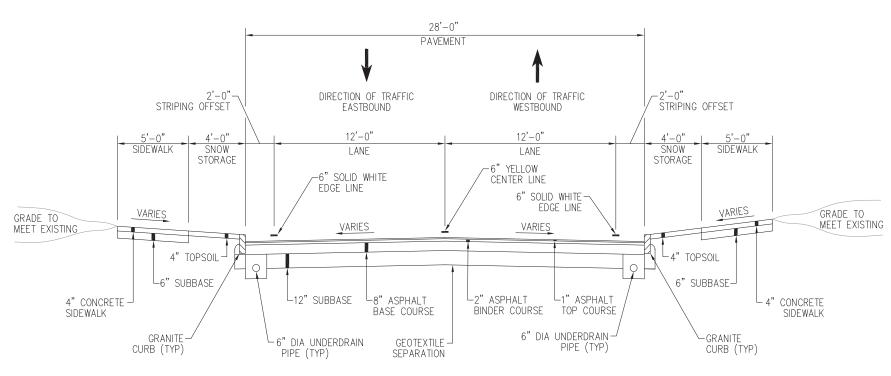
NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

PARSONS

HISTORIC PRESERVATION

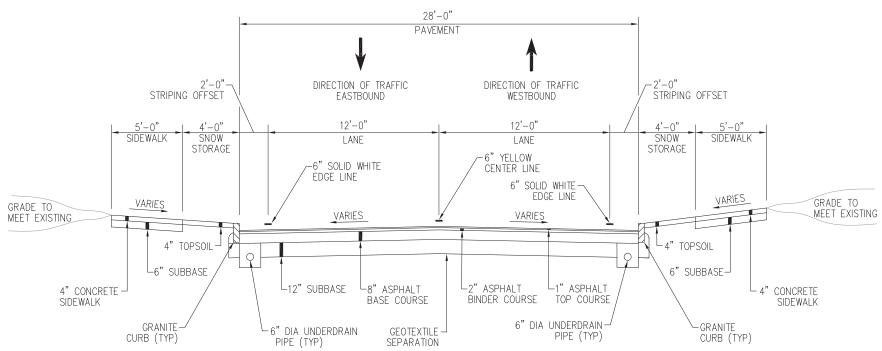
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TYPICAL WALNUT AVENUE FROM THIRD STREET TO PARK ACCESS ROAD

SCALE:



TYPICAL WHIRLPOOL STREET FROM MAIN STREET TO WALNUT AVENUE
SCALE:

FED ROAD REG. NO. STATE FEDERAL AID PROJECT NO. SHEET NO. SHEETS

1 N.Y. B.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT

NIAGARA GORGE CORRIDOR PROJECT

NIAGARA COUNTY

GENERAL NOTES

PAVEMENT STRIPING TO MEET NYSDOT STANDARD SPECIFICATION SECTION 685 — EPOXY REFLECTORIZED PAVEMENT MARKINGS.

NIAGARA FALLS, N.Y.

2. REFER TO NYSDOT STANDARD SHEET 685-01 FOR LAYOUT OF PAVEMENT STRIPING.

AS BUILT REVISIONS

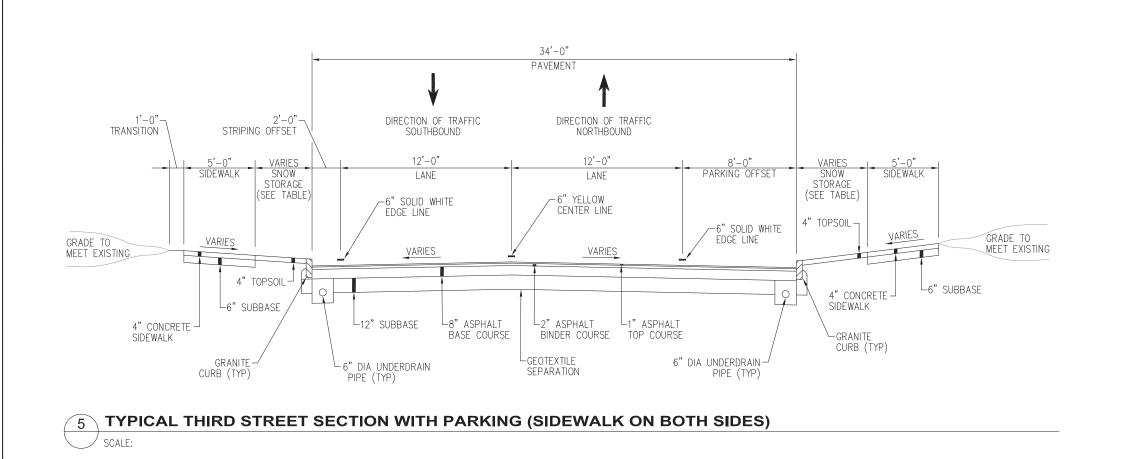
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NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

PARSONS

DOCUMENT NAME DATE SCALE DRAWING NO.



FED ROAD REG. NO. STATE FEDERAL AID PROJECT NO. SHEET SHEETS

1 N.Y. B.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT

NIAGARA GORGE CORRIDOR PROJECT

NIAGARA FALLS, N.Y. NIAGARA COUNTY

GENERAL NOTES

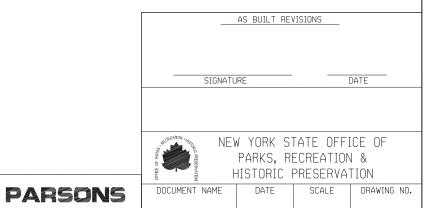
- PAVEMENT STRIPING TO MEET NYSDOT STANDARD
 SPECIFICATION SECTION 685 EPOXY REFLECTORIZED
 PAVEMENT MARKINGS.
- 2. REFER TO NYSDOT STANDARD SHEET 685-01 FOR LAYOUT OF PAVEMENT STRIPING.

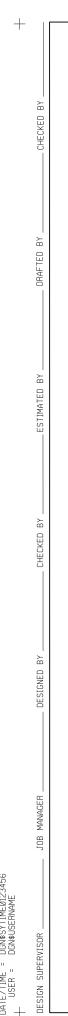
	-		34'-0" PAVEMENT	-		
		\	†			
\$	2'-0"- STRIPING OFFSET	DIRECTION OF TRAFFIC SOUTHBOUND	DIRECTION OF TRAFFIC NORTHBOUND			
<u> </u>	10'-0" NOW	12'-0"	12'-0"	8'-0"	VARIES 5'-(0" _1
	SNOW STORAGE	LANE	LANE	PARKING OFFSET	SNOW SIDEW STORAGE	ALK
		-6" SOLID WHITE EDGE LINE	-6" YELLOW CENTER LINE		(SEE TABLE)	
GRADE TO MEET EXISTING	1.0%	VARIES	<u>VARIES</u>	-6" SOLID WHITE EDGE LINE	4" TOPSOIL VARIE	GRADE TO MEET EXISTING
4" TOPSC	,,,,			0	4" CONCRETE	L ₆ " SUBBASE
	/ 🕌				SIDEWALK	
		L12" SUBBASE L8" ASPHALT BASE COURSE	L2" ASPHALT L1" ASPHAL BINDER COURSE TOP COURS	T GE	GRANITE CURB (TYP)	
GR CURB	RANITE (TYP)	6" DIA UNDERDRAIN PIPE (TYP)	GEOTEXTILE SEPARATION	6" DIA UNDERDRAIN / PIPE (TYP)	COND (TIT)	
6 TYPIC	AL THIRD S	TREET SECTION WITH	PARKING (SIDEWA	LK ON ONE SI	DE)	

FILE NAME = DGN\$SYTIME0123456 DATE/TIME = DGN\$USERNAME H

SCALE:

LOCATION	SNOW STORAGE @ WEST SIDEWALK	SNOW STORAGE @ EAST SIDEWALK
MAIN STREET TO WALNUT AVENUE WALNUT AVENUE TO PINE AVENUE PINE AVENUE TO STATION WP 22+50 STATION WP 22+50 TO CEDAR AVENUE CEDAR AVENUE TO SPRUCE AVENUE	7 FEET 5 FEET NO SIDEWALK NO SIDEWALK NO SIDEWALK	4 FEET 4 FEET 4 FEET 12 FEET 6 FEET





28'-0" PAVEMENT 1'-0"-TRANSITION /-2'-0" STRIPING OFFSET 2'-0"-STRIPING OFFSET DIRECTION OF TRAFFIC DIRECTION OF TRAFFIC SOUTHBOUND NORTHBOUND VARIES
SNOW
STORAGE
(SEE TABLE) 12'-0" 12'-0" 5'-0" SIDEWALK SIDEWALK SNOW STORAGE (SEE TABLE) LANE LANE YELLOW -6" SOLID WHITE EDGE LINE CENTER LINE 4" TOPSOIL-6" SOLID WHITE-VARIES EDGE LINE GRADE TO VARIES GRADE TO MEET EXISTING VARIES VARIES MEET EXISTING 4" TOPSOIL-L6" SUBBASE 4" CONCRETE -SIDEWALK L6" SUBBASE L8" ASPHALT BASE COURSE L2" ASPHALT L1" ASPHALT BINDER COURSE TOP COURSE 4" CONCRETE -SIDEWALK L₁₂" SUBBASE -GRANITE CURB (TYP) GRANITE-CURB (TYP) 6" DIA UNDERDRAIN-GEOTEXTILE--6" DIA UNDERDRAIN SEPARATION PIPE (TYP) PIPE (TYP)

TYPICAL THIRD STREET SECTION WITHOUT PARKING (SIDEWALK ON BOTH SIDES)

28'-0" PAVEMENT 2'-0"-STRIPING OFFSET -2'-0" STRIPING OFFSET DIRECTION OF TRAFFIC DIRECTION OF TRAFFIC SOUTHBOUND NORTHBOUND 10'-0" SNOW STORAGE 12'-0" 12'-0" SIDEWALK SNOW STORAGE LANE LANE 6" YELLOW (SEE TABLE) -6" SOLID WHITE CENTER LINE EDGE LINE 4" TOPSOIL-6" SOLID WHITE-VARIES EDGE LINE GRADE TO GRADE TO MEET EXISTING MEET EXISTING VARIES VARIES 4" TOPSOIL-└6" SUBBASE 4" CONCRETE -SIDEWALK L₈" ASPHALT BASE COURSE L12" SUBBASE L2" ASPHALT L1" ASPHALT -GRANITE CURB (TYP) BINDER COURSE TOP COURSE GEOTEXTILE-6" DIA UNDERDRAIN-GRANITE-6" DIA UNDERDRAIN PIPE (TYP) PIPE (TYP) SEPARATION CURB (TYP)

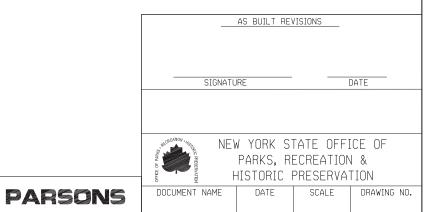
TYPICAL THIRD STREET SECTION WITHOUT PARKING (SIDEWALK ON ONE SIDE)

FED ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.		SHEET NO.	TOTAL SHEETS
1	N.Y.				
P.I.N.			B.I.N.		
RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGN				GMENT	
	N	IAGARA GORGE C	ORRIDOR PROJEC	T	
NIAGARA	FALLS,	N.Y.	1	NIAGARA C	OUNTY

GENERAL NOTES

- PAVEMENT STRIPING TO MEET NYSDOT STANDARD SPECIFICATION SECTION 685 — EPOXY REFLECTORIZED PAVEMENT MARKINGS.
- 2. REFER TO NYSDOT STANDARD SHEET 685-01 FOR LAYOUT OF PAVEMENT STRIPING.

LOCATION	SNOW STORAGE @ WEST SIDEWALK	SNOW STORAGE @ EAST SIDEWALK
MAIN STREET TO WALNUT AVENUE WALNUT AVENUE TO PINE AVENUE PINE AVENUE TO STATION WP 22+50 STATION WP 22+50 TO CEDAR AVENUE CEDAR AVENUE TO SPRUCE AVENUE	7 FEET 5 FEET NO SIDEWALK NO SIDEWALK NO SIDEWALK	10 FEET 10 FEET 10 FEET 18 FEET 12 FEET



34'-0" PAVEMENT 1'-0" TRANSITION 2'-0"-STRIPING OFFSET DIRECTION OF TRAFFIC DIRECTION OF TRAFFIC SOUTHBOUND NORTHBOUND VARIES SNOW STORAGE (SEE TABLE) 5'-0" SIDEWALK (SEE NOTE 3) 12'-0" 12'-0" VARIES SNOW STORAGE 8'-0" PARKING OFFSET 5'-0" SIDEWALK LANE LANE (SEE TABLE) -6" YELLOW CENTER LINE 6" SOLID WHITE EDGE LINE 4" TOPSOIL -6" SOLID WHITE EDGE LINE VARIES _VARIES GRADE TO VARIES VARIES MEET EXISTING 4" TOPSOIL └6" SUBBASE 4" CONCRETE -SIDEWALK └6" SUBBASE 4" CONCRETE SIDEWALK L₁₂" SUBBASE L8" ASPHALT L2" ASPHALT L₁" ASPHALT BASE COURSE BINDER COURSE TOP COURSE ∽GRANITE CURB (TYP) -GEOTEXTILE 6" DIA UNDERDRAIN-GRANITE: -6" DIA UNDERDRAIN SEPARATION PIPE (TYP) CURB (TYP) PIPE (TYP) TYPICAL WHIRLPOOL STREET SECTION WITH PARKING (SIDEWALK ON BOTH SIDES) 34'-0" PAVEMENT 2'-0"-STRIPING OFFSET DIRECTION OF TRAFFIC DIRECTION OF TRAFFIC SOUTHBOUND NORTHBOUND 12'-0" 10'-0" SNOW STORAGE 12'-0" 8'-0" PARKING OFFSET 5'-0" SIDEWALK LANE LANE STORAGE (SEE TABLE) -6" YELLOW CENTER LINE -6" SOLID WHITE EDGE LINE

GRADE TO

DGN\$SYTIMEØ123 DGN\$USERNAME MEET EXISTING

1.0%

4" TOPSOIL

GRANITE-

CURB (TYP)

SCALE:

VARIES

L₁₂" SUBBASE

-6" DIA UNDERDRAIN

L8" ASPHALT

BASE COURSE

TYPICAL WHIRLPOOL STREET SECTION WITH PARKING (SIDEWALK ON ONE SIDE)

-6" SOLID WHITE EDGE LINE

6" DIA UNDERDRAIN-

PIPE (TYP)

VARIES

L2" ASPHALT L1" ASPHALT

BINDER COURSE TOP COURSE

-GEOTEXTILE

SEPARATION

VARIES

4" CONCRETE -SIDEWALK

-GRANITE CURB (TYP) └6" SUBBASE

GRADE TO

MEET EXISTING

FED ROAD REG. NO. STATE FEDERAL AID PROJECT NO. SHEET NO. SHEETS

1 N.Y. B.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT

NIAGARA GORGE CORRIDOR PROJECT

NIAGARA FALLS, N.Y. NIAGARA COUNTY

GENERAL NOTES

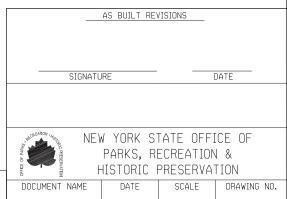
GRADE TO

MEET EXISTING

- PAVEMENT STRIPING TO MEET NYSDOT STANDARD SPECIFICATION SECTION 685 EPOXY REFLECTORIZED PAVEMENT MARKINGS.
- 2. REFER TO NYSDOT STANDARD SHEET 685-01 FOR LAYOUT OF PAVEMENT STRIPING.
- WEST SIDEWALK CHANGES FROM 5'-0" TO 12'-0" NORTH OF CLEVELAND AVENUE.

LOCATION	SNOW STORAGE @ WEST SIDEWALK	SNOW STORAGE @ EAST SIDEWALK
SPRUCE AVENUE TO LINCOLN PLACE LINCOLN PLACE TO CLEVELAND AVENUE CLEVELAND AVE. TO STATION WP 71+00 STATION WP 71+00 TO BELLEVUE AVE. BELLEVUE AVE. TO FORMER SPRING ST. FORMER SPRING ST. TO CHASM AVE. CHASM AVE. TO CHESTNUT AVENUE CHESTNUT AVENUE TO FINDLAY DRIVE	NO SIDEWALK NO SIDEWALK NO SIDEWALK 6 FEET NO SIDEWALK NO SIDEWALK NO SIDEWALK NO SIDEWALK	6 FEET NO PARKING NO PARKING NO PARKING 10 FEET VARIES (SEE NOTE) 10 FEET 5 FEET

NOTE: SNOW STORAGE VARIES FROM 16.9 FEET TO 19.6 FEET. SEE CROSS SECTIONS FOR MORE INFORMATION.



PARSONS



28'-0" PAVEMENT 1'-0"-TRANSITION -2'-0" STRIPING OFFSET DIRECTION OF TRAFFIC 2'-0"-STRIPING OFFSET DIRECTION OF TRAFFIC SOUTHBOUND NORTHBOUND VARIES SNOW STORAGE (SEE TABLE) 12'-0" 12'-0" SIDEWALK (SEE NOTE 3) 5'-0" SIDEWALK LANE LANE STORAGE (SEE TABLE) YELLOW -6" SOLID WHITE CENTER LINE EDGE LINE 4" TOPSOIL-6" SOLID WHITE-VARIES EDGE LINE GRADE TO VARIES GRADE TO MEET EXISTING VARIES VARIES MEET EXISTING 4" TOPSOIL-L6" SUBBASE 4" CONCRETE -SIDEWALK L6" SUBBASE L₁₂" SUBBASE L8" ASPHALT L₂" ASPHALT L₁" ASPHALT 4" CONCRETE BASE COURSE BINDER COURSE TOP COURSE -GRANITE SIDEWALK CURB (TYP) GRANITE CURB (TYP) 6" DIA UNDERDRAIN-GEOTEXTILE--6" DIA UNDERDRAIN SEPARATION PIPE (TYP) PIPE (TYP)

FED ROAD REG. NO. STATE FEDERAL AID PROJECT NO. SHEET NO. SHEETS

1 N.Y. B.I.N.

RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT

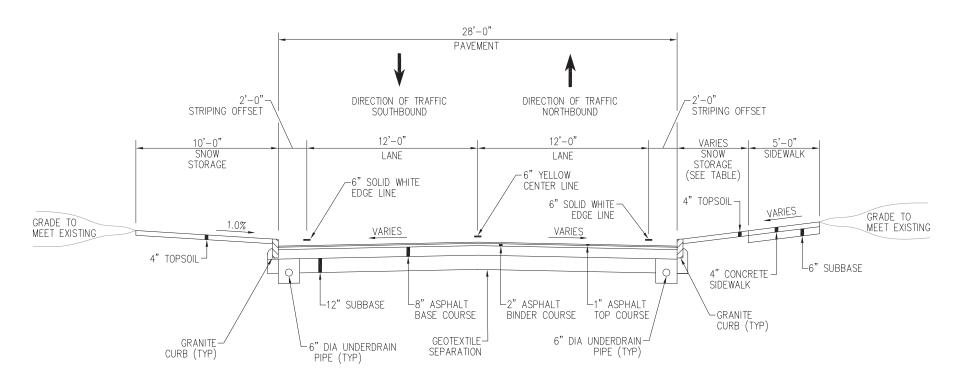
NIAGARA GORGE CORRIDOR PROJECT

NIAGARA FALLS, N.Y. NIAGARA COUNTY

GENERAL NOTES

- PAVEMENT STRIPING TO MEET NYSDOT STANDARD SPECIFICATION SECTION 685 – EPOXY REFLECTORIZED PAVEMENT MARKINGS.
- 2. REFER TO NYSDOT STANDARD SHEET 685-01 FOR LAYOUT OF PAVEMENT STRIPING.
- WEST SIDEWALK CHANGES FROM 5'-0" TO 12'-0" NORTH OF CLEVELAND AVENUE.

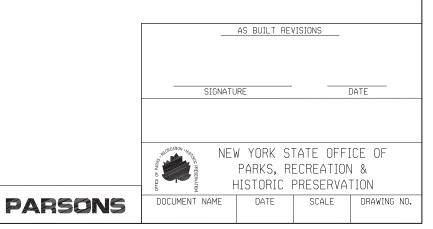
TYPICAL WHIRLPOOL STREET SECTION WITHOUT PARKING (SIDEWALK ON BOTH SIDES)

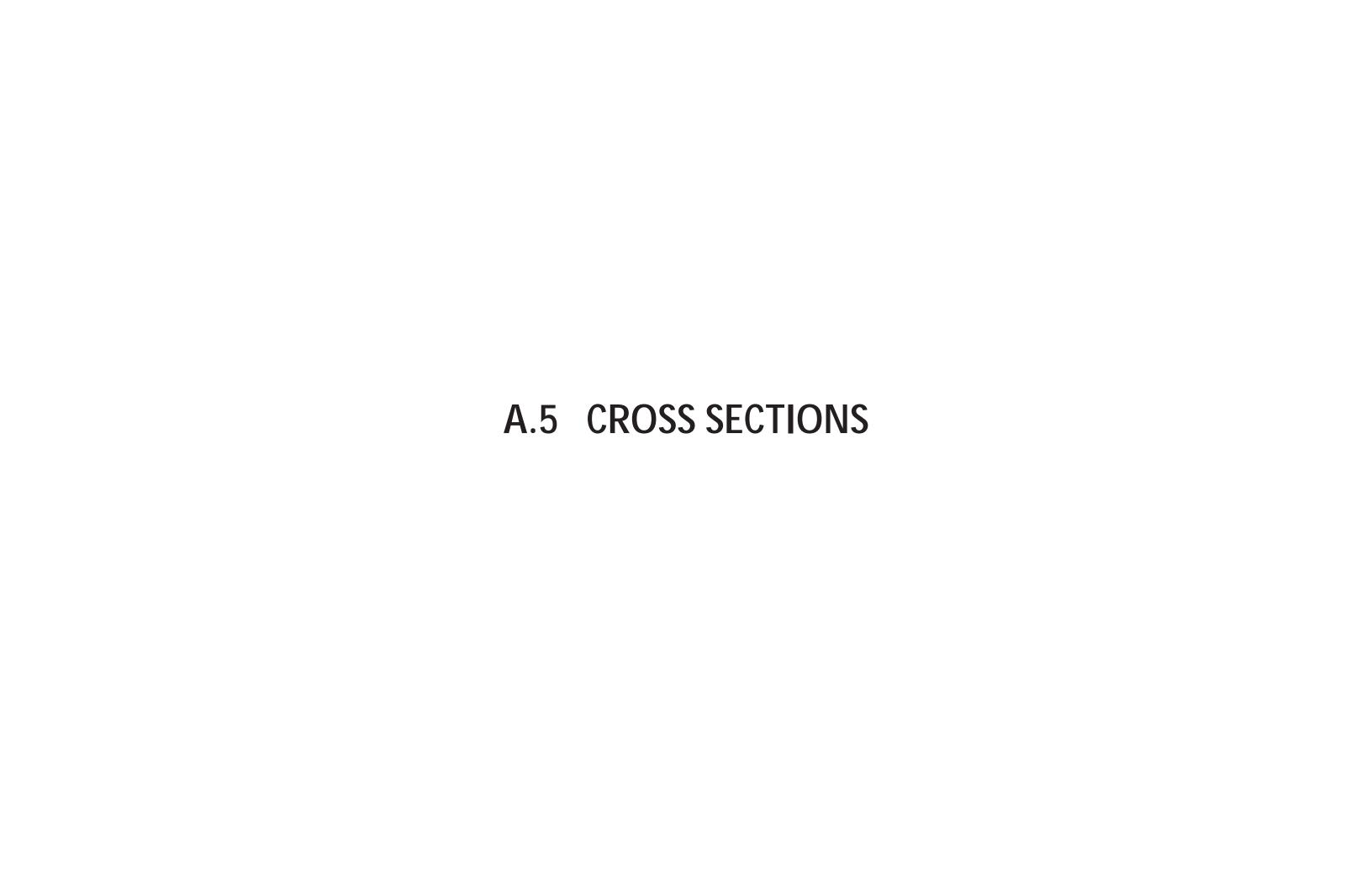


12	TYPICAL WHIRLPOOL STREET SECTION WITHOUT PARKING (SIDEWALK ON ONE SIDE)
	SCALE:

LOCATION	SNOW STORAGE @ WEST SIDEWALK	SNOW STORAGE @ EAST SIDEWALK
SPRUCE AVENUE TO LINCOLN PLACE LINCOLN PLACE TO CLEVELAND AVENUE CLEVELAND AVE. TO STATION WP 71+00 STATION WP 71+00 TO BELLEVUE AVE. BELLEVUE AVE. TO FORMER SPRING ST. FORMER SPRING ST. TO CHASM AVE. CHASM AVE. TO CHESTNUT AVENUE CHESTNUT AVENUE TO FINDLAY DRIVE	NO SIDEWALK NO SIDEWALK NO SIDEWALK 6 FEET NO SIDEWALK NO SIDEWALK NO SIDEWALK NO SIDEWALK	12 FEET 13 FEET 6 FEET 6 FEET 16 FEET VARIES (SEE NOTE) 16 FEET 11 FEET

NOTE: SNOW STORAGE VARIES FROM 10.9 FEET TO 13.6 FEET. SEE CROSS SECTIONS FOR MORE INFORMATION.



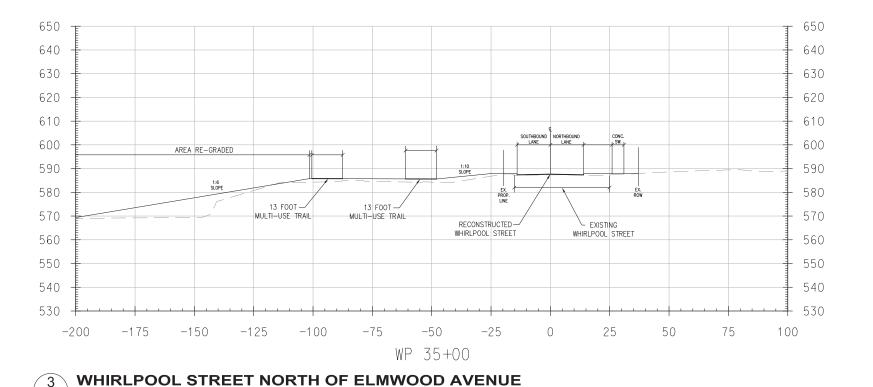


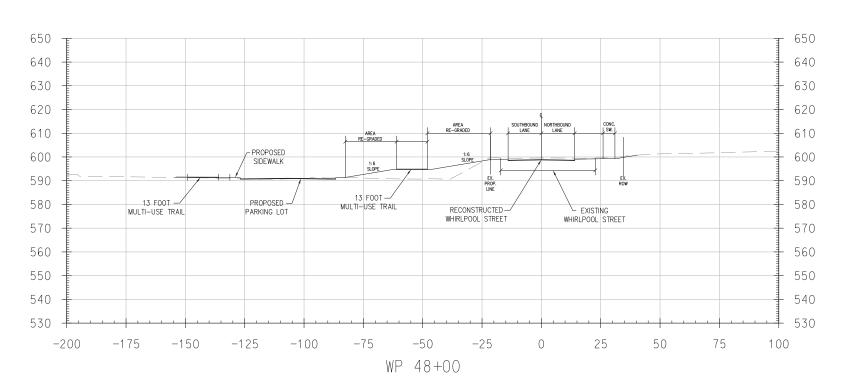
FED ROAD STATE SHEET NO. TOTAL SHEETS P.I.N. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY 660 660 650 650 640 640 630 630 620 620 610 610 600 600 AREA RE-GRADED AS PART OF THE POLICE STATION PROJECT POLICE STATION -PARKING LOT 590 590 580 580 RECONSTRUCTED — WHIRLPOOL STREET 570 570 PROPOSED

REBUILT PARK

ACCESS ROAD 560 560 550 550 540 540 -375-175-150 -125 -75-50 -25 25 50 75 -500 -400 -350-325-300-275-250-225 -200 -100 0 WP 14+00 THIRD STREET SOUTH OF WALNUT AVENUE 650 650 640 640 630 630 620 620 SOUTHBOUND NORTHBOUND LANE LANE EXISTING CEDAR AVENUE AREA RE-GRADED 610 610 600 600 590 590 EXISTING -PROPOSED — THIRD STREET 580 580 570 570 560 560 AS BUILT REVISIONS 550 550 540 540 DATE SIGNATURE 530 1 530 25 -200 -175-150-125-100 -75 -50 -25 50 75 100 WP 26+50 NEW YORK STATE OFFICE OF PARKS, RECREATION & WHIRLPOOL STREET AT CEDAR AVENUE HISTORIC PRESERVATION **PARSONS** DOCUMENT NAME SCALE DRAWING NO.

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WHIRLPOOL STREET SOUTH OF PIERCE AVENUE SCALE:

SCALE:

FED ROAD STATE SHEET TOTAL SHEETS

P.I.N. B.I.N. RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT NIAGARA GORGE CORRIDOR PROJECT NIAGARA FALLS, N.Y. NIAGARA COUNTY

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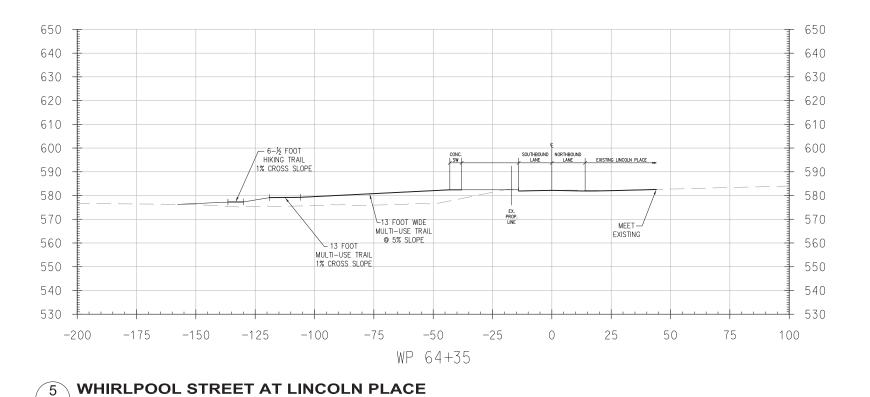


NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

SCALE

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610 610 600 600 590 590 580 580 AREA CONCRETE SOUTHBOUND NORTHBOUND LANE LANE -6-½ FOOT HIKING TRAIL 570 570 560 560 550 550 PROPOSED -PARKING LOT 540 540 EXISTING
WHIRLPOOL STREET RECONSTRUCTED — WHIRLPOOL STREET 530 530 520 520 1 510 -175-150 -125 -100 -75 -50 -25 25 50 75 100 WP 74+00

6 WHIRLPOOL STREET AT ONTARIO AVENUE

SCALE:

SCALE:

FED ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.		SHEET NO.	TOTAL SHEETS	
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PECONISTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT						

NIAGARA FALLS, N.Y.

NIAGARA GORGE CORRIDOR PROJECT

NIAGARA COUNTY

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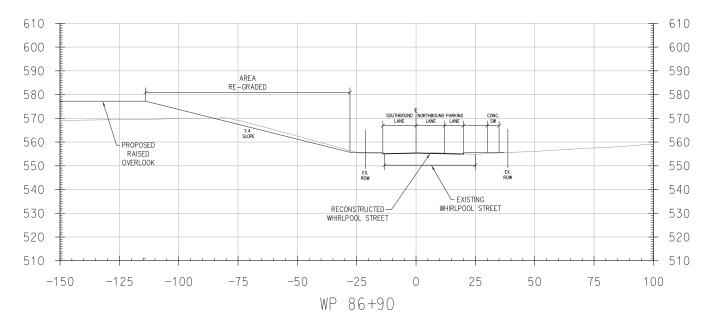


NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

PARSONS

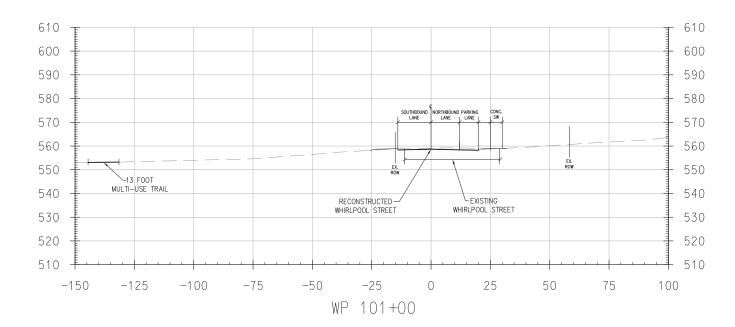
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WHIRLPOOL STREET SOUWTH OF SPRING STREET

SCALE:



WHIRLPOOL STREET SOUTH OF FINDLAY DRIVE

SCALE:

FED ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.		SHEET NO.	TOTAL SHEETS	
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P.I.N.			B.I.N.			
RECONSTRUCTION OF ROBERT MOSES PARKWAY - NORTH SEGMENT						
NIAGARA GORGE CORRIDOR PROJECT						
NIAGARA FALLS, N.Y.			1	NIAGARA C	OUNTY	

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NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION

PARSONS

DOCUMENT NAME SCALE DRAWING NO.