

D262260 - I 190 Over Buffalo Ave.

Niagara Falls, NY - 72 hr. Bridge Demo & Install

Precast Farm



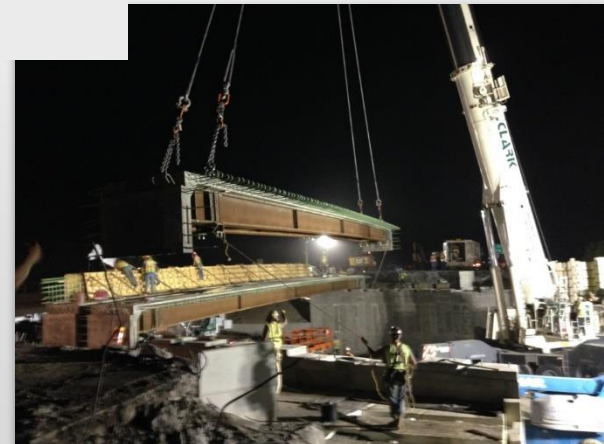
Site Precast



11 – 100' Beams
60 Ton ea.
16- Approach Slabs
30 Ton ea.
660 LF – SS
Barrier

TRANSPORT TO SITE

Beam Install



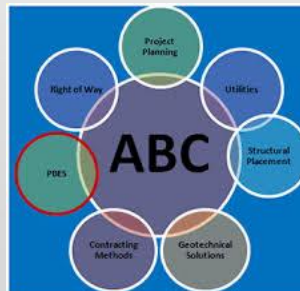


D262260 - I 190 Over Buffalo Ave., Niagara Falls, NY 72 hr. Bridge Demo & Install

Item 557.11020101 - INTEGRAL PRECAST CONCRETE BARRIER

Item 557.65010101 - PRECAST BRIDGE SYSTEM WITH EMBEDDED STRUCTURAL STEEL

Item 557.65020101 - PRECAST CONCRETE APPROACH SLABS



KISTNER
CONCRETE
PRODUCTS
INC.

SITE MAP



NO.	REV.	DATE	CONTRACT NO.	SCALE	DATE
1	01	02/20/20		1" = 10'	02/20/20

PROJECT DELIVERY PLAN
01/15/2020

PRECAST FARM
LOC.

1-190 OVER BUFFALO AVE.
STAGING AREA
5352 BUFFALO AVE.

PROJECT STAGING PLAN
01/15/2020

NO.	REV.	DATE	CONTRACT NO.	SCALE	DATE
1	01	02/20/20		1" = 10'	02/20/20

APPROVED: [Signature]

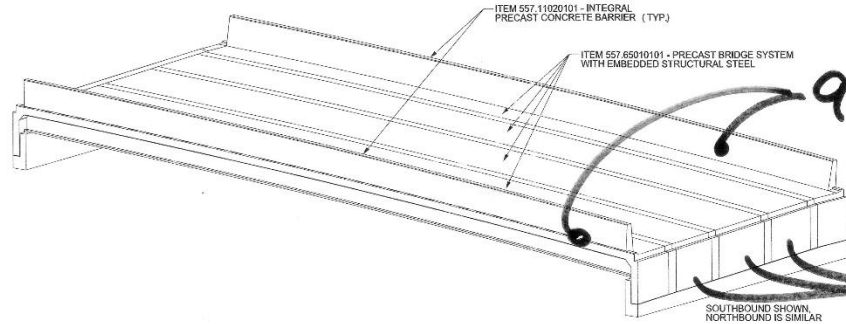
FISHER ASSOCIATES

BRIDGE LOC.

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OVERVIEW – SITE MAP

NIAGARA EXPRESSWAY (INT. RTE. 504) F.I.N.I.E. 61-4 I-190 OVER BUFFALO AVENUE CITY OF NIAGARA FALLS, NEW YORK COUNTY OF NIAGARA D262260 - PIN 5051.10



ITEM 557.11020101 - INTEGRAL PRECAST CONCRETE BARRIER (TYP.)

ITEM 557.65010101 - PRECAST BRIDGE SYSTEM WITH EMBEDDED STRUCTURAL STEEL

FED. ROAD DIST. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
X	NY	D262260	1	45

NIAGARA EXPRESSWAY (INT. RTE. 504) F.I.N.I.E. 61-4
CITY OF NIAGARA FALLS, NEW YORK
COUNTY OF NIAGARA
I-190 OVER BUFFALO AVENUE
P.I.N. 5051.10 [U.N. 5039651 & 5039652]

SHT. NO.	DRAWING TITLE
1	TITLE SHEET & INDEX
2	SPECIFICATIONS FOR MANUFACTURE
3	PROPOSED CONCRETE MIX DESIGN
4	PRODUCTION SEQUENCE NOTES
5	STAGING AREA PLAN & DETAILS - 1
6	STAGING AREA PLAN & DETAILS - 2
7	SOUTHBOUND BRIDGE PLAN & ELEVATION
8	SOUTHBOUND BRIDGE TRANSVERSE SECTION
9	SOUTHBOUND ABUTMENT PLANS AND DETAILS
10	SOUTHBOUND BRIDGE BACKWALL ELEVATIONS
11	SOUTHBOUND STAGING YARD GRIDER & SIP LAYOUT
12	SOUTHBOUND SIP FORM DETAILS
13	SOUTHBOUND STEEL TABLES
14	BRIDGE UNIT S1 DETAILS - 1
15	BRIDGE UNIT S1 DETAILS - 2
16	BRIDGE UNIT S1 BARRIER DETAILS
17	BRIDGE UNITS S2 - S4 DETAILS - 1
18	BRIDGE UNITS S2 - S4 DETAILS - 2
19	BRIDGE UNIT S5 DETAILS - 1
20	BRIDGE UNIT S5 DETAILS - 2
21	BRIDGE UNIT S5 BARRIER DETAILS
22	SOUTHBOUND BRIDGE BAR SCHEDULE
23	NORTHBOUND BRIDGE PLAN & ELEVATION
24	NORTHBOUND BRIDGE TRANSVERSE SECTION
25	NORTHBOUND ABUTMENT PLANS AND DETAILS
26	NORTHBOUND BRIDGE BACKWALL ELEVATIONS
27	NORTHBOUND STAGING YARD GRIDER & SIP LAYOUT
28	NORTHBOUND SIP FORM DETAILS
29	NORTHBOUND STEEL TABLES
30	BRIDGE UNIT N1 DETAILS - 1
31	BRIDGE UNIT N1 DETAILS - 2
32	BRIDGE UNIT N1 BARRIER DETAILS
33	BRIDGE UNITS N2 - N6 DETAILS - 1
34	BRIDGE UNITS N2 - N6 DETAILS - 2
35	BRIDGE UNIT N6 DETAILS - 1
36	BRIDGE UNIT N6 DETAILS - 2
37	BRIDGE UNIT N6 BARRIER DETAILS
38	SOUTHBOUND BRIDGE BAR SCHEDULE
39	LIFTING DETAILS - 1
40	LIFTING DETAILS - 2
41	TYPICAL BRIDGE DETAILS
42	OVERHANG BRACKET DETAILS
43	CLOSURE POUR CONCRETE MIX DESIGN
44	CLOSURE POUR CONCRETE MIX DESIGN
45	CLOSURE POUR PRODUCTION SEQUENCE NOTES



REV. NO.	DATE	ADDRESS NYSDOT COMMENTS	REVISION DESCRIPTION
2	2/24/14		
1	1/15/14		

APPROVED
Michael B. Taylor, P.E.
For Deputy Chief Engineer
Fishers Associates
Incorporated by NY

FISHERS ASSOCIATES
105 Collins Road, Rochester, NY 14629
Phone: 585-394-4300

ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE

PREPARED FOR:
KISTNER CONCRETE PRODUCTS, INC.
105 FOWLER ROAD
ALLEN BY YORK
PINNACLES, NY 14158

JOB ID: D262260-NIAGARA EXPRESSWAY (INT. RTE. 504)
JOB NO: 14190
JOB DATE: 02/24/14

TITLE SHEET AND INDEX

ITEM 557.65010101 PRECAST BRIDGE SYSTEM WITH EMBEDDED STRUCTURAL STEEL
ITEM 557.11020101 INTEGRAL PRECAST CONCRETE BARRIER

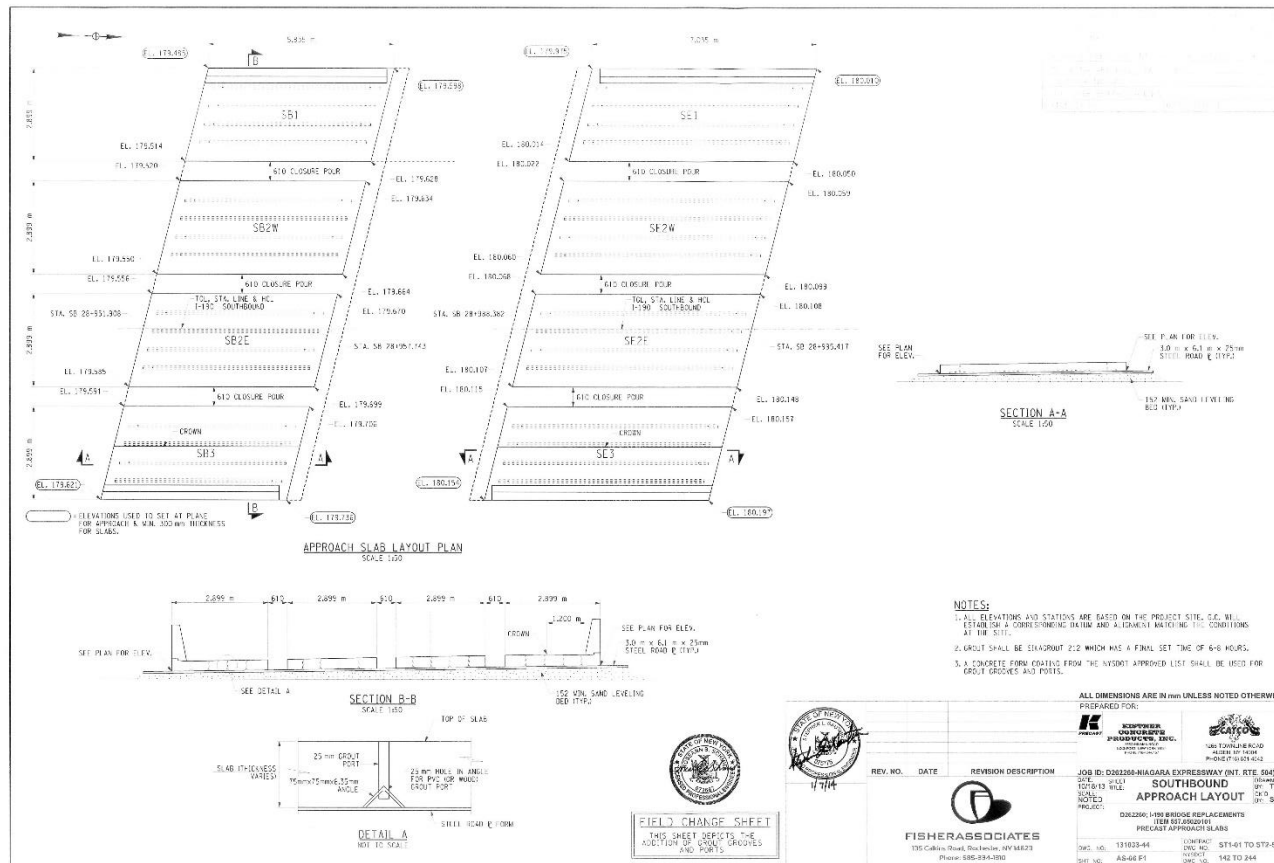
DWG. NO. 131033-01 CONTRACT NO. ST-41
SHEET NO. ST-01 SHEET NO. 142 TO 244

NOTE:
INSTALLATION AND ERECTION PLANS WILL BE SUBMITTED UNDER SEPARATE COVER.

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OVERVIEW – APPROACH SLAB LAYOUT



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APPROACH SLAB SET UP & POUR



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DECK - SET UP & POUR



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APP. SL. SINGLE SLOPE BARRIER POUR



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QA/QC



**Advance
Testing**



U M
United Materials

**W. A. WILSON
TESTING &
INSPECTION SVS.**



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KISTNER
CONCRETE
PRODUCTS
INC.

SITE DEMOLITION



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NB – DECK INSTALL



D262260 - I 190 Over Buffalo Ave.
Niagara Falls, NY - 72 hr. Bridge Demo & Install

NB – DECK INSTALL



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NB – DECK INSTALL



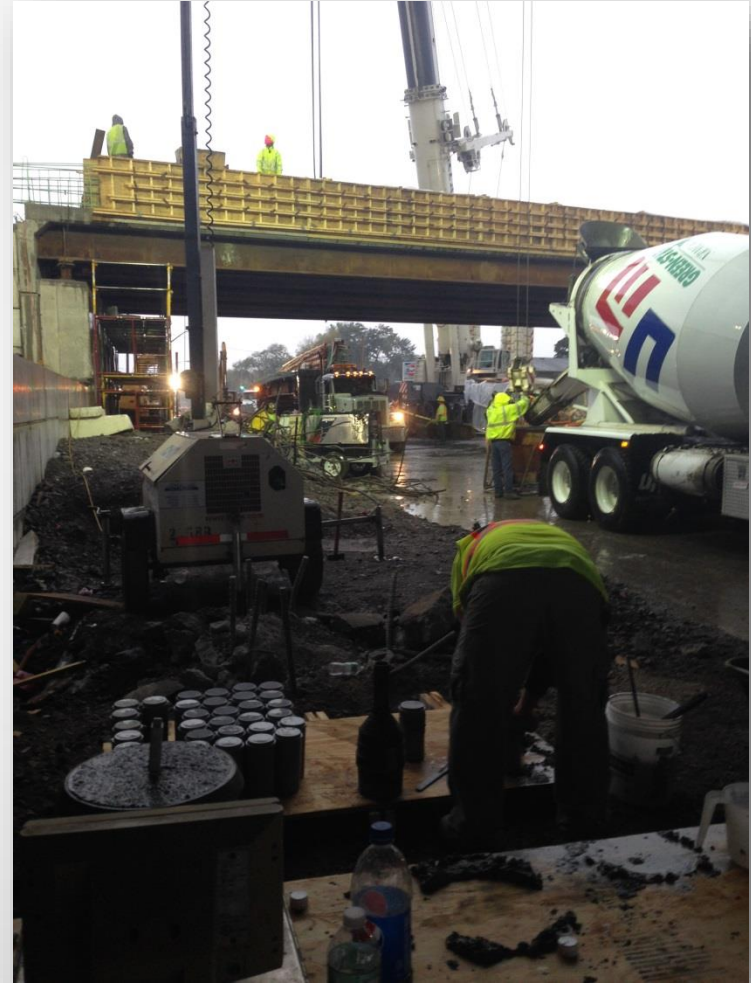
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APPROACH SLAB INSTALL



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DECK – BARRIER POUR



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BARRIER CLOSURE POURS



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SB – DECK SETTING...



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FINAL



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