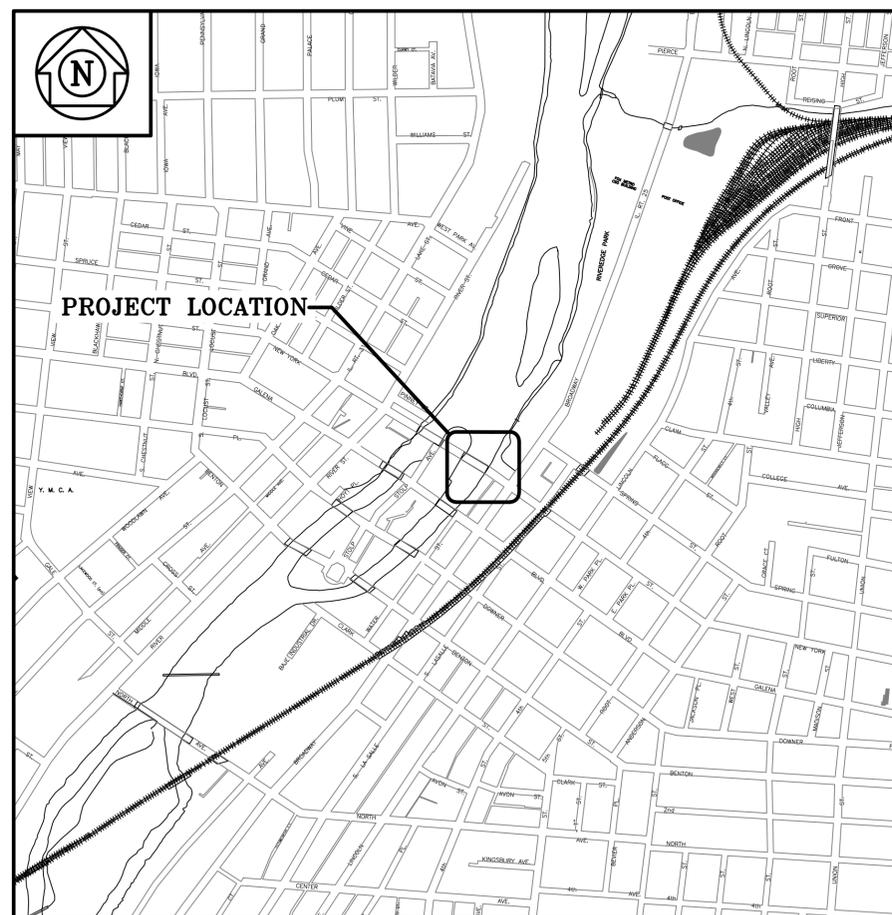


# THE CITY OF AURORA CONSTRUCTION PLANS FOR NEW YORK STREET BRIDGE EAST ABUTMENT STAIRS REHABILITATION 2020

## AURORA CITY COUNCIL

- RICHARD C. IRVIN, MAYOR
- ROBERT O'CONNOR, ALDERMAN-AT-LARGE
- SHERMAN L. JENKINS, ALDERMAN-AT-LARGE
- TINA BOHMAN, ALDERMAN-FIRST WARD
- JUANY GARZA, ALDERMAN-SECOND WARD
- TED MESIACOS, ALDERMAN-THIRD WARD
- BILL DONNELL, ALDERMAN-FOURTH WARD
- CARL FRANCO, ALDERMAN-FIFTH WARD
- MICHAEL B. SAVILLE, ALDERMAN-SIXTH WARD
- SCHEKETA HART-BURNS, ALDERMAN-SEVENTH WARD
- RICK MERVINE, ALDERMAN-EIGHTH WARD
- EDWARD BUGG, ALDERMAN NINTH WARD
- JUDD LOFCHIE, ALDERMAN TENTH WARD



LOCATION MAP

## INDEX OF SHEETS

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| NO. 3 | STAIRWAY PLAN, SECTION, AND DETAILS |

DEUHLER ENGINEERING CORPORATION	
DEUHLER ENGINEERING CORPORATION	DANIEL P. CACERES, SE.
DESIGN FIRM SEAL	STRUCTURAL ENGINEER
DESIGN FIRM 184-001830	ILLINOIS S.E. 081-007646
EXPIRATION: 4/30/2021	EXPIRATION: 11/30/2020
DATE: 6/-/20	DATE: 6/-/20





EXISTING BRIDGE AERIAL PHOTO



**NOTES:**

1. EXISTING BRIDGE IS REINFORCED CONCRETE AND WAS CONSTRUCTED IN 1991 (REFERENCE DRAWINGS AVAILABLE UPON REQUEST).
2. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND ILLINOIS SUPPLMENTS. TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO CITY OF AURORA.
3. CONTRACTOR SHALL PROVIDE SIGNAGE TO TEMPORARILY ROUTE PEDESTRIAN TRAFFIC AROUND WORK AREA.
4. CONTRACTOR SHALL PROVIDE BARRICADES, TEMPORARY RAILING, AND BARRICADE TAPING TO RESTRICT ACCESS TO THE WORK AREA.
5. CONTRACTOR SHALL SAWCUT, DEMOLISH, AND REMOVE EXISTING CONCRETE STAIRS AND RAILING. EXISTING CONCRETE PIERS SHALL REMAIN. CONTRACTOR SHALL SEQUENCE WORK SO NEW STAIRWAY IS COMPLETELY INSTALLED WITHIN 1 WEEK OF REMOVING EXISTING STAIRS.
6. CONTRACTOR SHALL RESTORE ANY DAMAGED SURFACES AND LANDSCAPING TO ORIGINAL CONDITION.



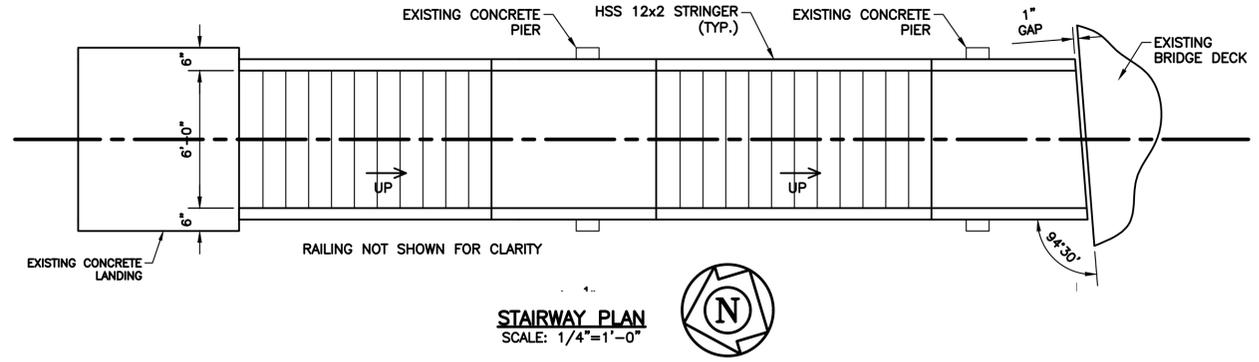
PHOTO 1 - EXISTING STAIRWAY



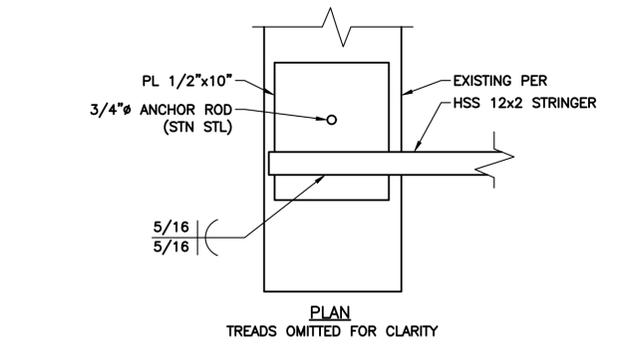
PHOTO 3 - EXISTING RAILING AT ADJACENT STAIRWAY



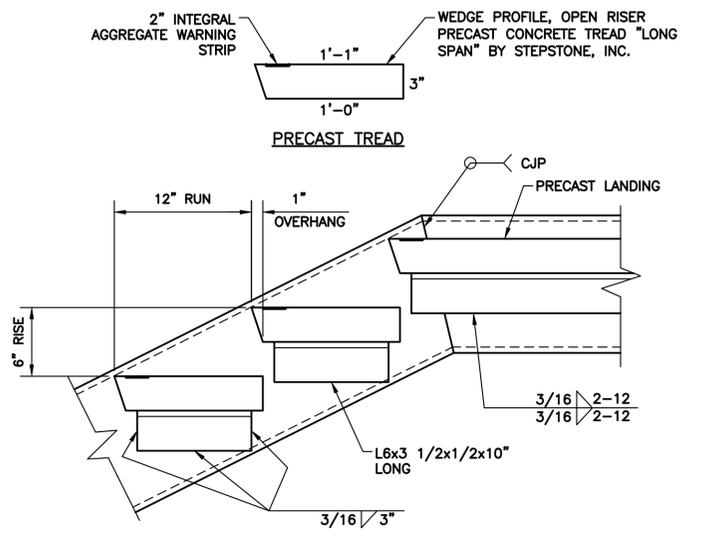
PHOTO 2 - EXISTING PIER



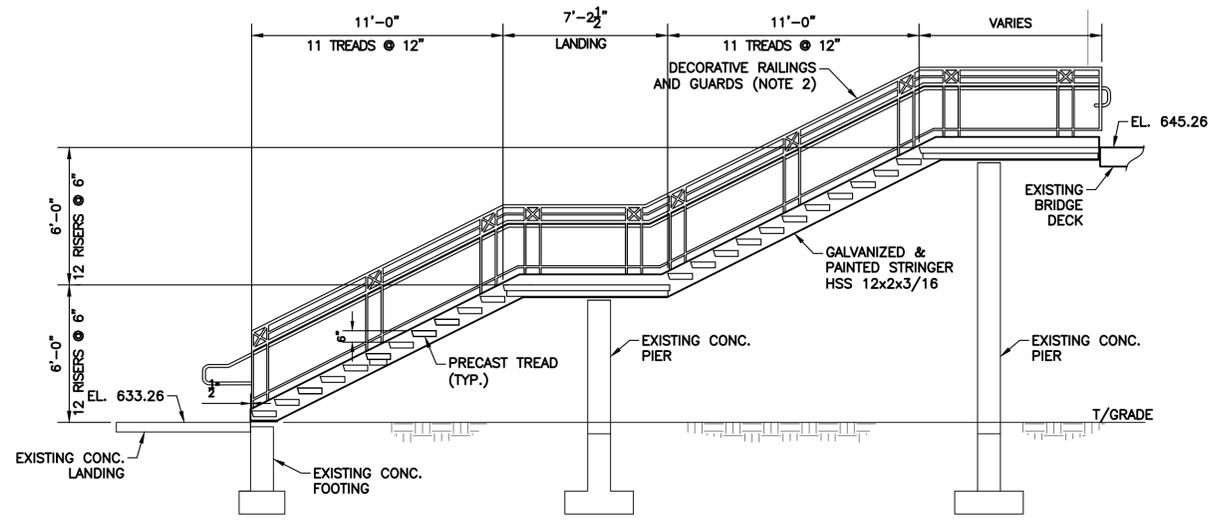
**STAIRWAY PLAN**  
SCALE: 1/4"=1'-0"



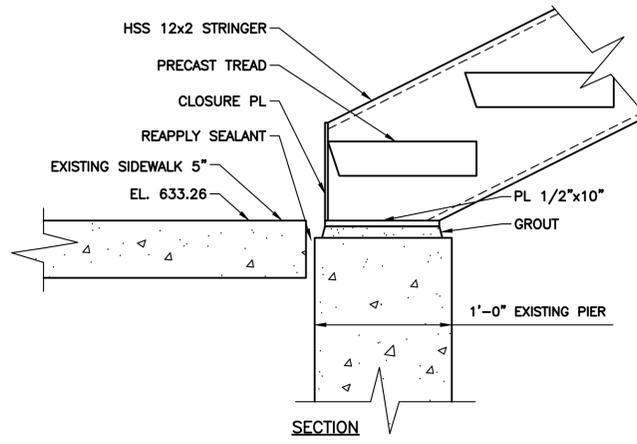
**PLAN**  
TREADS OMITTED FOR CLARITY



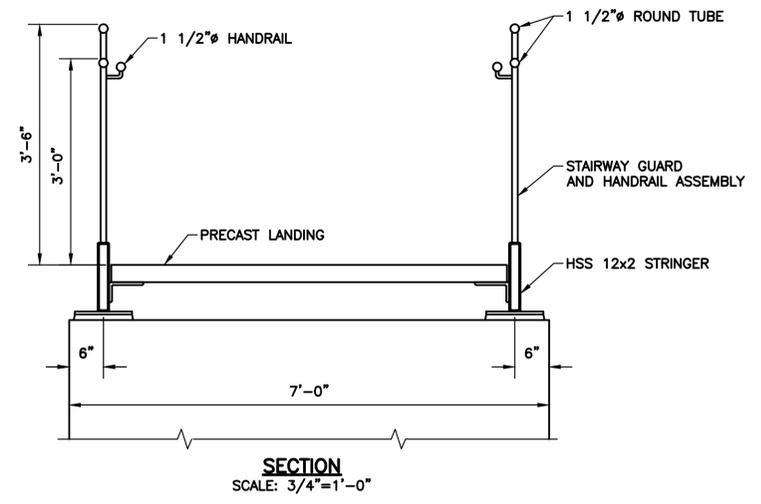
**TYPICAL STRINGER + TREAD**  
N.T.S.



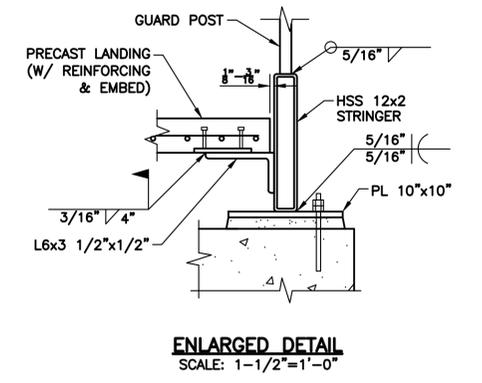
**STAIRWAY SECTION**  
SCALE: 1/4"=1'-0"



**STRINGER-BASE CONNECTION**  
N.T.S.



**SECTION**  
SCALE: 3/4"=1'-0"



**ENLARGED DETAIL**  
SCALE: 1-1/2"=1'-0"

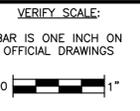
**NOTES:**

- EXISTING ELEVATIONS AND DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD MEASURE AND SURVEY EXISTING CONDITIONS AND MODIFY DIMENSIONS TO SUITE.
- NEW RAILINGS SHALL REPLICATE THE DESIGN OF THE ADJACENT STAIRWAY RAILING AND GUARDS. OVERALL GEOMETRY SHALL COMPLY WITH IBC 2015 PROVISIONS. PICKETS NOT SHOWN FOR CLARITY.
- STAIR STRINGERS, RAILING, AND GUARDS SHALL BE GALVANIZED AND COATED.
- MATERIALS:  
 HSS STRINGERS - ASTM A1085  
 PLATE & ANGLES - ASTM A36  
 ANCHORS - 316 STN STL W/ HILTI HIT RE500 V3 EPOXY ADHESIVE (9" EMBED)  
 WELDS - E70XX ELECTRODES, COLD GALVANIZED AND RE-COAT TO MATCH IN FIELD.



ILLINOIS DESIGN FIRM  
# 184.001830  
230 WOODLAWN AVENUE  
AURORA, IL 60506  
PH: 630-897-4651  
FAX: 630-897-5696  
www.deuchler.com

1.
2.
3.
4.



DATE:	6/19/20	DESIGNED:	DPC
SCALE:	AS SHOWN	DRAWN:	KKD
JOB NO.	155-19051-00	CHECKED:	DPC
FIELD BOOK NO.:	N/A	APPROVED:	DPC

**CITY OF AURORA  
NEW YORK STREET BRIDGE - STAIRS REHABILITATION  
STAIRWAY PLAN, SECTION, AND DETAILS**

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OF	<b>3</b>