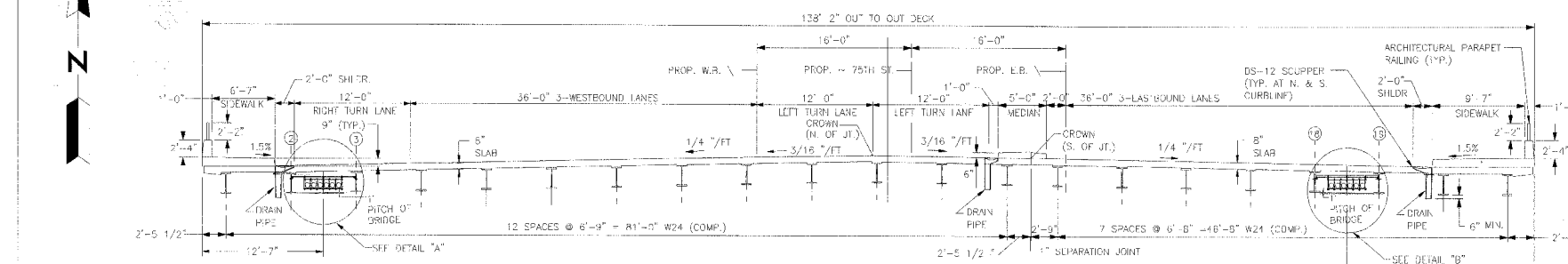
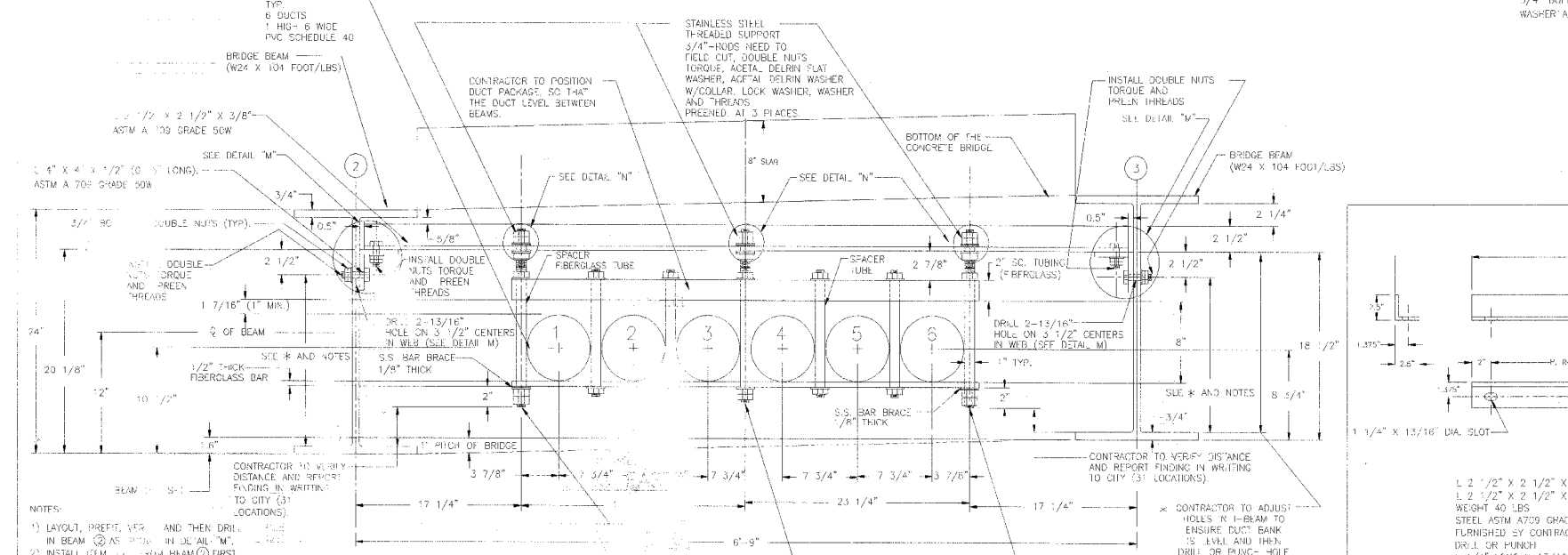


DUCT LOCATION IN 75TH BRIDGE

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-0014-00-17	COVINGTON	563	289
SIA. 10 SIA.			
FED. ROAD DIST. NO. ILLINOIS F.H.D. AID PROJECT			
CONTRACT 63024			

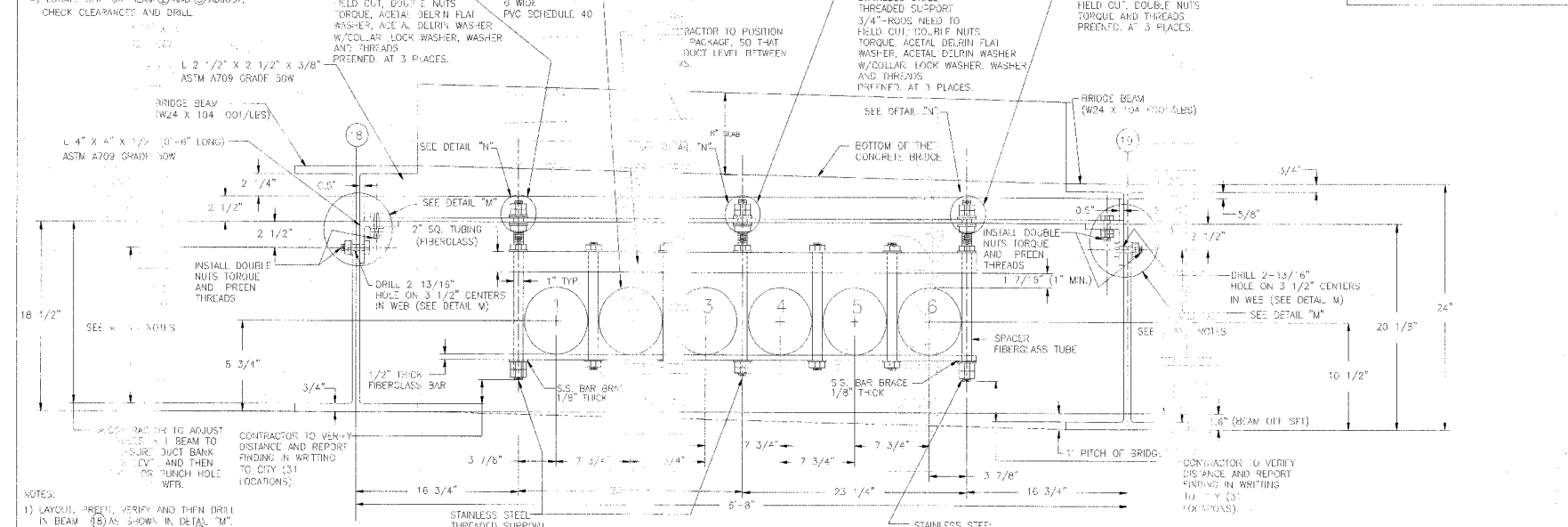


VIEW A-A (LOOKING EAST)



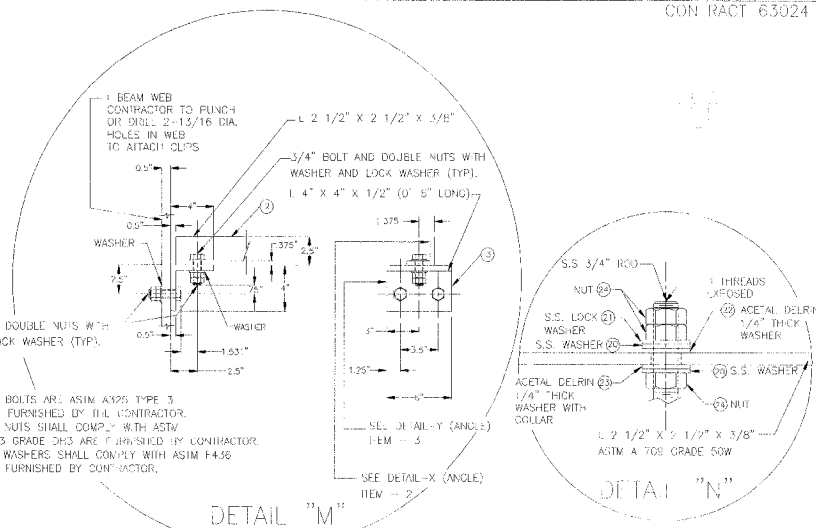
- NOTES:
- LAYOUT, PREP, VERIFY AND THEN DRILL IN BEAM (1) AS SHOWN IN DETAIL "M".
  - INSTALL ITEM (2) FROM BEAM (1) FIRST.
  - PREP AND STRAIGHTEN BEAM (2) TO BEAM (1).
  - LOCATE CHIP ON BEAM (2) AND (3) ADJUST, CHECK CLEARANCES AND DRILL.

DETAIL "A"



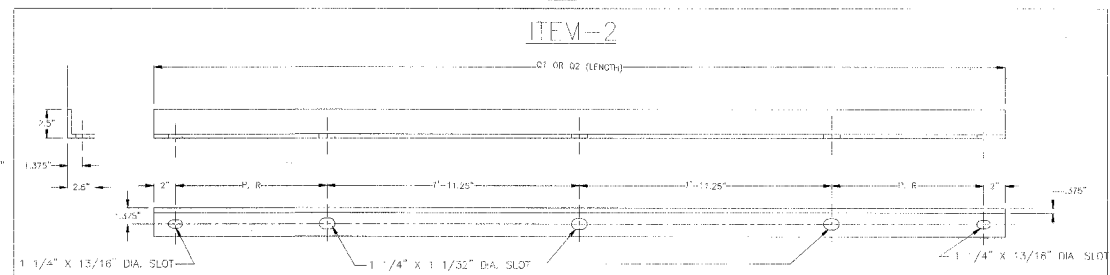
DETAIL "B"

- NOTES:
- LAYOUT, PREP, VERIFY AND THEN DRILL IN BEAM (1) AS SHOWN IN DETAIL "M".
  - INSTALL ITEM (2) FROM BEAM (1) FIRST.
  - PREP AND STRAIGHTEN BEAM (2) TO BEAM (1).
  - LOCATE CHIP ON BEAM (2) AND (3) ADJUST, CHECK CLEARANCES AND DRILL.

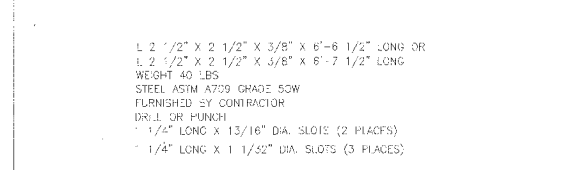


DETAIL "M"

ALL BOLTS ARE ASTM A325 TYPE 3 AND FURNISHED BY THE CONTRACTOR. ALL NUTS SHALL COMPLY WITH ASTM A563 GRADE DMS ARE FURNISHED BY CONTRACTOR. ALL WASHERS SHALL COMPLY WITH ASTM F436 ARE FURNISHED BY CONTRACTOR.



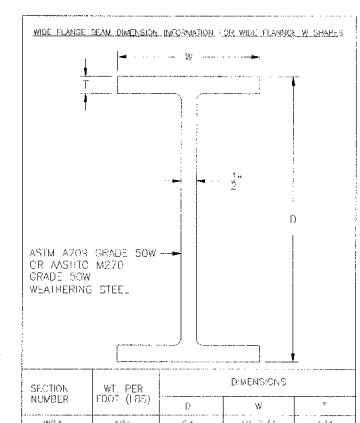
DETAIL "N"



ITEM-2

DESCRIPTION	DIMENSION	DESCRIPTION	DIMENSION
Q1 (LENGTH)	6'-7.5"	Q2 (LENGTH)	6'-6.5"
P (LENGTH)	1'-2 1/2"	R (LENGTH)	1'-2"
QUANTITY	33	QUANTITY	33

Q1 AND P DIMENSION TO BE USED FOR DETAIL "A"  
Q2 AND R DIMENSION TO BE USED FOR DETAIL "B"



ITEM-3

DRILL OR PUNCH 1 1/4" X 3/16" DIA. SLOTS (3 PLACES)

DETAIL "Y"

1 1/4" X 4" X 1/2" X 0'-6" LONG  
WEIGHT 0.4 LBS  
STEEL ASTM A709 GRADE SOW  
QUANTITY REQUIRED: 24 (FURNISHED BY CONTRACTOR)  
ALL BOLTS ARE ASTM A325 TYPE 3 AND FURNISHED BY THE CONTRACTOR  
ALL NUTS SHALL COMPLY WITH ASTM A563 GRADE DMS ARE FURNISHED BY CONTRACTOR.  
ALL WASHERS SHALL COMPLY WITH ASTM F436 ARE FURNISHED BY CONTRACTOR.

WF# INFORMATION		CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES ELECTRIC	
WF# 58401	WASHINGTON ST. 75TH TO OLYMPIA DR. EAST SIDE	JOB 1	CALL 24 HRS. PRIOR TO CONSTRUCTION
WF# 58402	75TH WASHINGTON ST. TO OLYMPIA DR. NORTH SIDE	JOB 2	
WF# 58403	75TH WASHINGTON ST. TO OLYMPIA DR. SOUTH SIDE	JOB 3	
WF# 58405	WASHINGTON ST. 75TH TO IRLANDY RD. SOUTH SIDE	JOB 4	