



**OHIO TURNPIKE AND  
INFRASTRUCTURE COMMISSION**

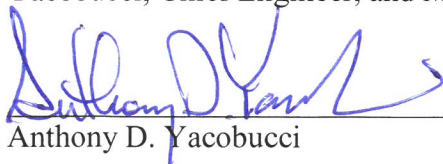
**ADDENDUM NO. 1**

**BID INVITATION NO. 4325  
FOR FURNISHING:  
BRIDGE STRUCTURAL STEEL**

**OPENING DATE:  
2:00 P.M. (EASTERN TIME), NOVEMBER 2, 2018**

**ATTENTION OF BIDDERS IS DIRECTED TO:**  
**ANSWERS TO QUESTIONS RECEIVED THROUGH 4:00 PM ON OCTOBER 25, 2018**  
**-AND-**  
**MODIFICATIONS TO THE CONTRACT DOCUMENTS**  
**Plan Sheets 1, 2, 3, 4 and 5 of 5**

Issued by the Ohio Turnpike and Infrastructure Commission on October 25, 2018 by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson, Director of Contracts Administration.

  
\_\_\_\_\_  
Anthony D. Yacobucci      Date

  
\_\_\_\_\_  
Mark R. Musson      Date

**ANSWERS TO QUESTIONS RECEIVED THROUGH 4:00 PM ON OCTOBER 25, 2018:**

**Q#1 Our bonding company was asking if the Ohio Turnpike Commission has an engineer's contract estimate for this project.**

*A#1 The Commission does not provide its estimate for this type of contract. The bid guarantee and performance bond sums are based on the amount of the respondent's bid (i.e., 10% for the bid guarantee and 50% for the performance bond). See the Bonding Requirements discussed after page 13b.*

**Q#2 In the in Part 4.01 of the special provisions 514 there is the following statement:**

**Field cleaning and touch-up of damaged coating is considered to be incidental and is not established as a separate pay item. This includes making all field repairs to the shop coating system, repairs to the stenciling, coating of galvanized components (e.g., nuts, bolts, and any other bare galvanized items), and final power washing of the structure. (Pg. 16, Part 4.0, paragraph B)**

**As a fabricator the extent of what we do in the field is delivering the steel and the contractor is responsible for any material handling including and not limited to unloading, erection and all field work, does the above statement need to be amended to refer to the contractor and not the fabricator?**

*A#2 Please note the statement on Page 7b of the Specifications for Shop Coating, "Part 4.0 Measurement and Payment of SP 514 does not apply." Field cleaning and touch-up of damaged coating will be the responsibility of the OTIC's construction contractor, not the Contractor awarded under Invitation 4325.*

**Q#3 On sheet 5/5 of the plans, End Diaphragm Detail and Detail B, On the End Diaphragm Detail it is calling out both an MC18 x 42.7# and a W18 x 50# member. Detail B is also calling out a W18. Which is correct?**

*A#3 Plan Sheet 5 of 5 is revised through this Addendum No. 1 from a W18 x 50 to specify MC18 x 42.7 on both respective details. In addition, all other plan sheets are revised through this Addendum to correct other items. Thus, the enclosed Plan Sheets 1 through 5 dated 10/23/18 are substituted for those dated 10/19/18 that were attached to the original invitation to bid.*

**Q#4 The Notice to Bidders states The Small Business Enterprise Goal (including DBE and EDGE) is waived. Can we assume all requirements and forms outlined in the Instructions to Bidders Item 11 pages 11a through 11h will not be required for submission.**

*A#4 With the waiver of the goal, Bidders do not need to submit completed Pages 11d or 11e (which is mistakenly identified as Pages 12 in the Bid Form Instructions). Bidders should complete and sign 11a and 11b writing "NA" in the boxes on page 11a and disclosing any certified firms proposed to serve as subcontractors or material suppliers on 11b.*

**Q#5 We were reviewing the Special Provisions for Insurance stated on pages 8c & 8d. Attached is a standard Certificate of Insurance that we provide on all ODOT work and all other state DOT work that has been acceptable. Will the Ohio Turnpike Commission accept our Certificate of Insurance if our company is the apparent low bidder. If this will not be acceptable, can you please review which limits would need to be revised.**

*A#5 The attached certificate of insurance is acceptable for bidding purposes; however, if selected for award, the bidder must furnish acceptable evidence of insurance policies and limits specified in the Special Provisions (i.e., add the \$5,000,000 umbrella policy over the general and auto liability policies described in the attached and include the Commission as an additional insured on primary and non-contributory basis).*

**Q#6 Is there a cost estimate available?**

*A#6 See the response to Q#1.*

**Q#7 When would work on that need to begin?**

*A#7 The Contractor must determine when to commence its activities based on the anticipated delivery date of May 1, 2019.*

**Q#8 And lastly, is union labor participation required?**

*A#8 No.*

**Q#9 In reference to payment terms, will the Ohio Turnpike Commission pay for raw material invoices and/or completed fabrication stored materials invoices (all appropriate paperwork would be submitted with invoices).**

*A#9 The Commission will respond to this question in a future addendum.*

#### **MODIFIED CONTRACT DOCUMENTS**

With this Addendum No. 1, the Commission substitutes the enclosed material for the following Contract Documents:

Plan Sheets: 1, 2, 3, 4 and 5 of 5 with additions and deletions to the Plan Drawings are called out with a cloud and marked with a revision triangle as thus:



**Addendum No. 1**

**Invitation No. 4325 is hereby acknowledged:**

(Firm Name) \_\_\_\_\_

(Signature) \_\_\_\_\_

(Printed Name) \_\_\_\_\_

(Date) \_\_\_\_\_

**THE FOREGOING RESPONSES ARE INCORPORATED INTO THE INVITATION TO BID**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/24/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER REDACTED	CONTACT NAME REDACTED PHONE (A/C, No, Ext) REDACTED E-MAIL ADDRESS INSURER(S) AFFORDING COVERAGE INSURER A REDACTED INSURER B REDACTED INSURER C INSURER D INSURER E INSURER F	FAX (A/C, No) REDACTED NAIC # RED
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## COVERAGES

CERTIFICATE NUMBER: REDACTED

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			REDACT	1/1/2018	1/1/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			REDACT	1/1/2018	1/1/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	REDACTED	7/9/2018	7/9/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	REDACTED			REDACT REDACTED	1/1/2018	1/1/2019	Business Personal Property Deductible REDACTED REDA

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance

## CERTIFICATE HOLDER

## CANCELLATION

Ohio Turnpike Commission

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

REDACTED

REDACTED

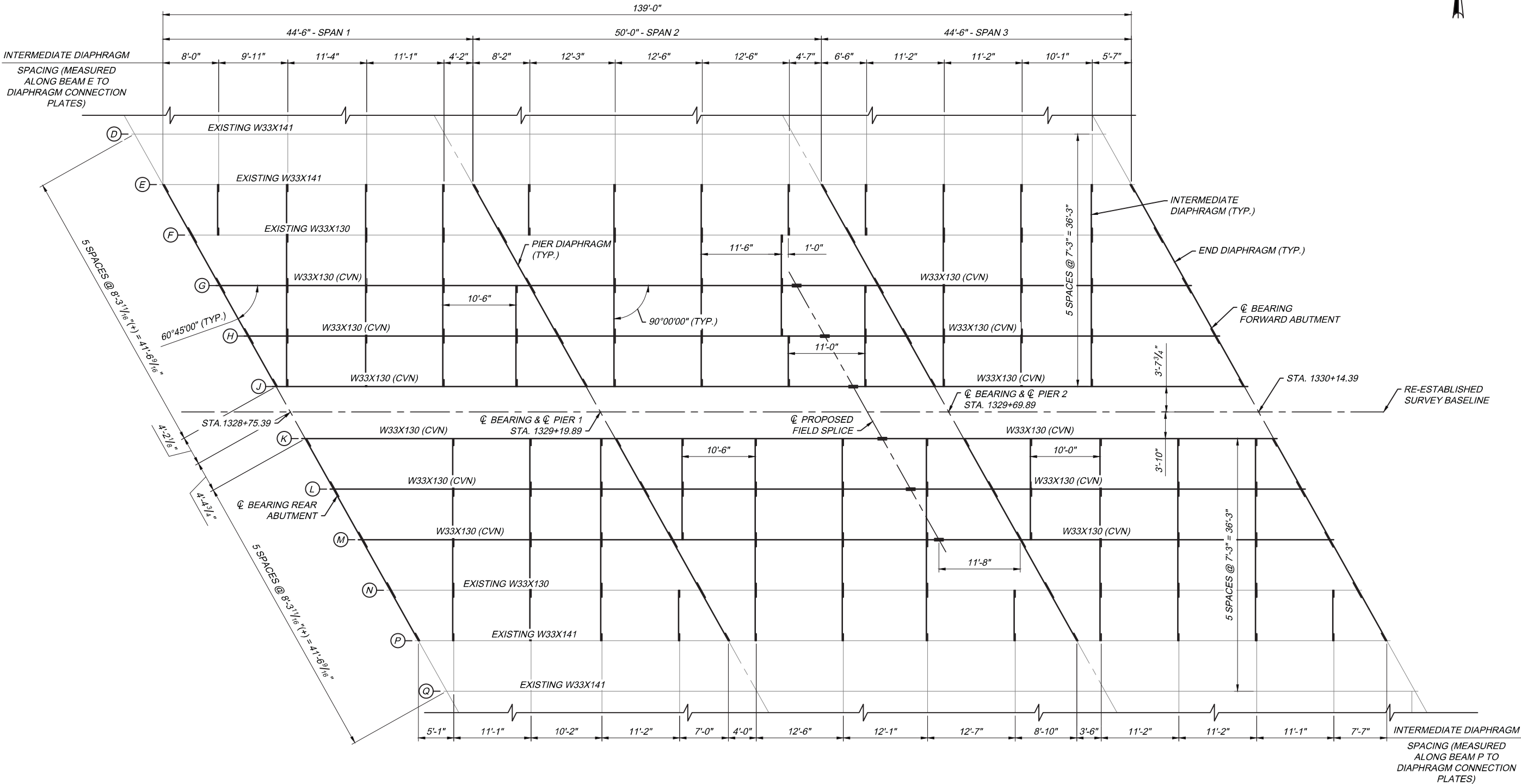
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### NOTES

- WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN ODOT CMS 711.01.
- FOR DIAPHRAGM DETAILS SEE SHEET 5/5.
- FOR BEAM ELEVATIONS SEE SHEET 2/5.
- FOR ADDITIONAL NOTES SEE SHEET 2/5.

### PARTIAL FRAMING PLAN



### ESTIMATED QUANTITIES

ITEM	TOTAL	UNIT	DESCRIPTION
513	295,900	POUND	STRUCTURAL STEEL MEMBERS, LEVEL 3

PROJECT 43-19-07

DATE: 10/23/18

PARTIAL FRAMING PLAN  
OHIO TURNPIKE OVER AI CREEK

M.P. 47.4

FULTON COUNTY

DESIGNED

DLC

DRAWN

CHECKED

APM

IN CHARGE

NO.

1

REVISIONS

ADDENDUM NO. 1

BY DATE

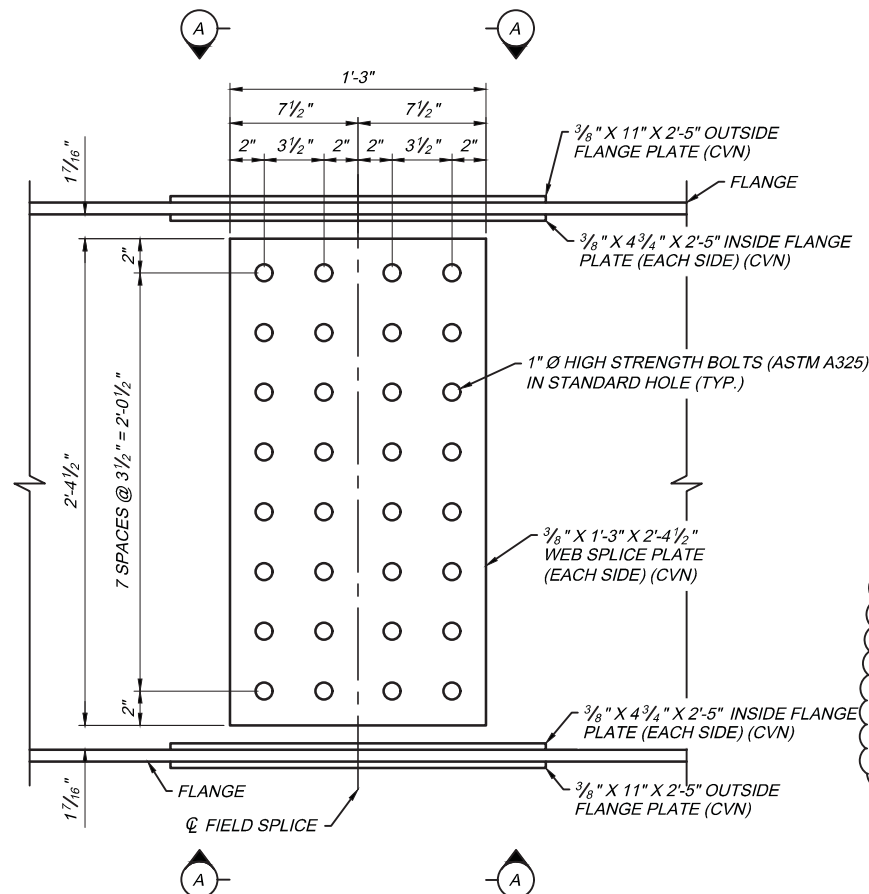
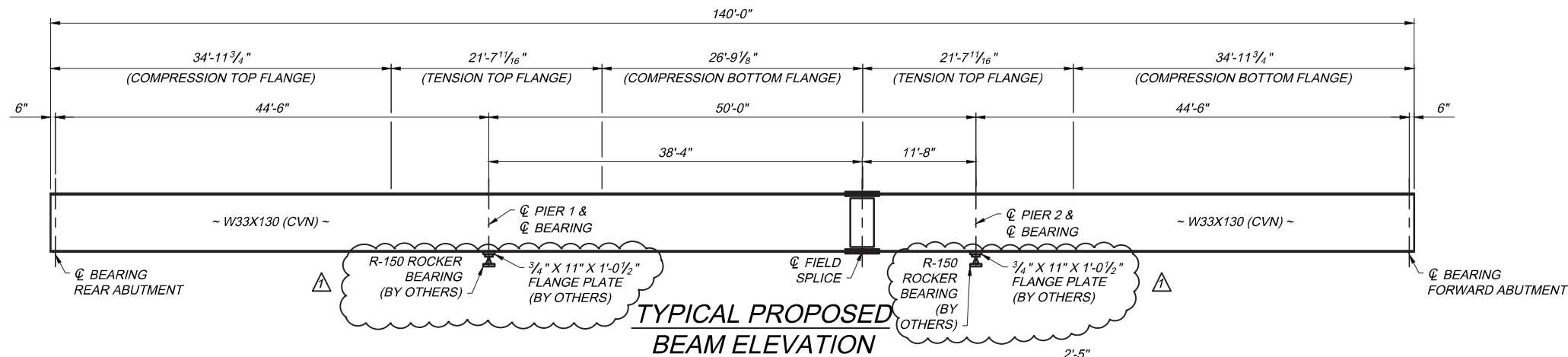
DLC 10/18

DESIGN AGENCY  
NORTHWEST CONSULTANTS, INC.  
3220 CENTRAL PARK WEST  
TOLEDO, OHIO 43617  
P: (419) 841-4704 F: (419) 841-2979

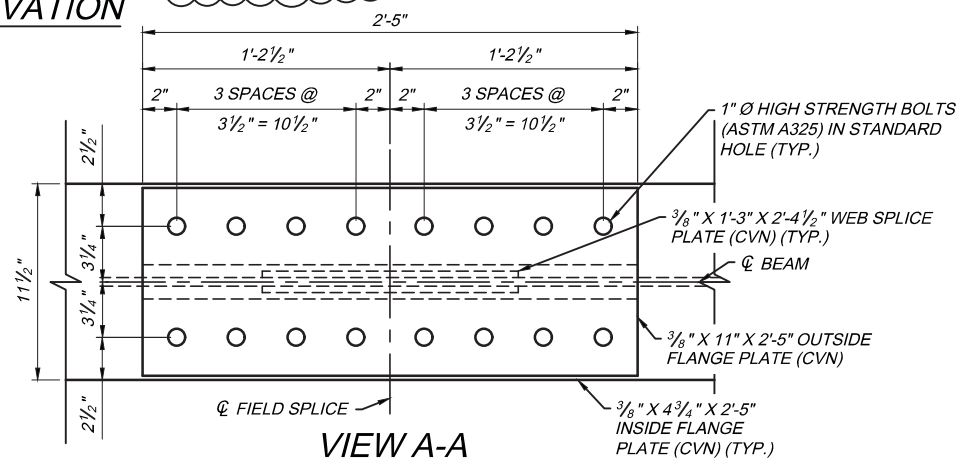
OHIO  
TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

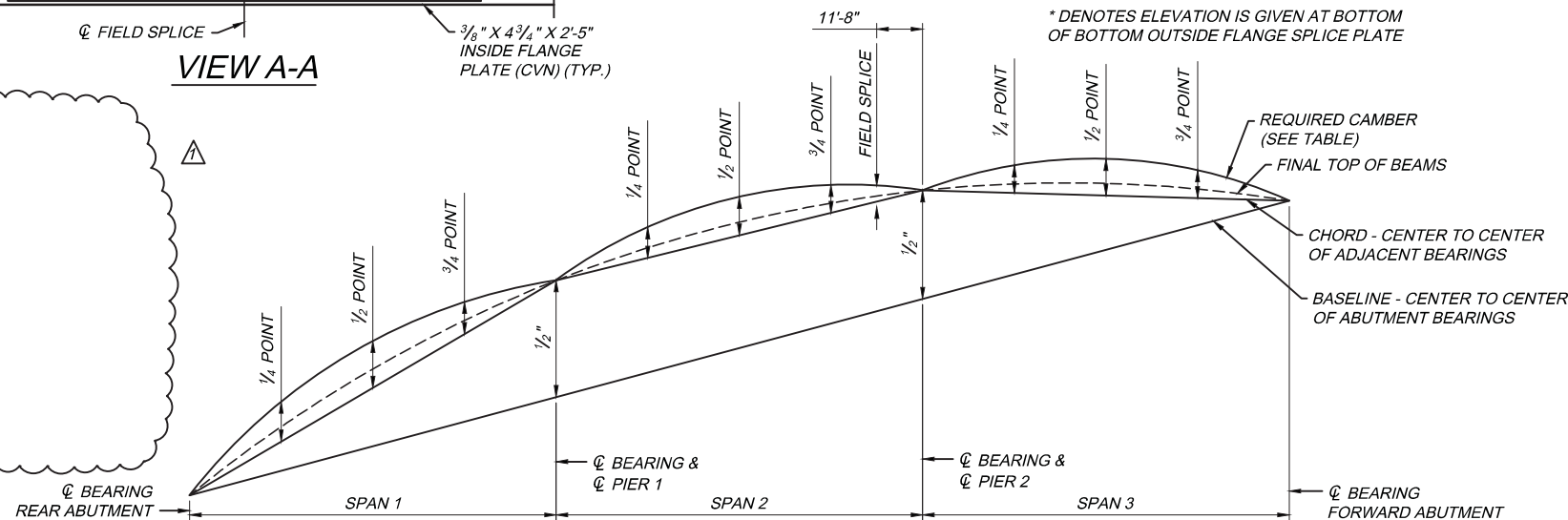
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TYPICAL PROPOSED  
BEAM ELEVATION



VIEW A-A



CAMBER DIAGRAM

BOTTOM OF BEAM ELEVATIONS

BEAM	CL BEARING REAR ABUTMENT	CL PIER 1	CL PIER 2	CL BEARING FORWARD ABUTMENT
E	701.21±	701.66±*	702.27±*	702.79±
F	701.09±	701.63±*	702.23±*	702.75±
G	701.44	701.97	702.52	702.97
H	701.37	701.90	702.44	702.90
J	701.31	701.83	702.37	702.82
K	701.36	701.88	702.42	702.87
L	701.52	702.04	702.58	703.02
M	701.69	702.20	702.73	703.18
N	701.44±	701.98±*	702.52±*	703.02±
P	701.68±	702.09±*	702.66±*	703.22±

\* DENOTES ELEVATION IS GIVEN AT BOTTOM OF BOTTOM OUTSIDE FLANGE SPLICE PLATE

NOTES

- WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN ODOT CMS 711.01.
- HIGH STRENGTH BOLTS SHALL BE 1" DIAMETER A325, TYPE 1 UNLESS OTHERWISE NOTED.
- SEE SHEET 1/5 FOR FRAMING PLAN.
- FOR STEEL SURFACES SPECIFIED TO BE COATED ACCORDING TO SP 514, APPLY A PRIME COAT IN THE SHOP IN ACCORDANCE WITH SP 514.
- STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50.

STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS G-M)

STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS G-M)														
	SPAN 1					SPAN 2					SPAN 3			
LOCATION	REAR ABUTMENT	¼ POINT	½ POINT	¾ POINT	PIER 1	¼ POINT	½ POINT	¾ POINT	FIELD SPLICE	PIER 2	¼ POINT	½ POINT	¾ POINT	FORWARD ABUTMENT
DEFLECTION DUE TO WEIGHT OF STEEL	0"	0"	⅛"	0"	0"	0"	0"	0"	0"	0"	0"	⅛"	0"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	⅜"	⅜"	⅛"	0"	⅛"	⅛"	⅛"	⅛"	0"	⅛"	⅜"	⅜"	0"
ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVATURE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	⅜"	¼"	⅛"	0"	⅛"	⅛"	⅛"	⅛"	0"	⅛"	¼"	⅜"	0"



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BY	DATE	REVISIONS	NO.	CHECKED	DESIGNED
DLC	10/18	ADDENDUM NO. 1	1	APM	DLC
DRAWN				IN CHARGE	DLC

SUPERSTRUCTURE DETAILS  
OHIO TURNPIKE OVER AI CREEK  
FULTON COUNTY  
M.P. 47.4

PROJECT 43-19-07  
DATE: 10/23/18

2 / 5

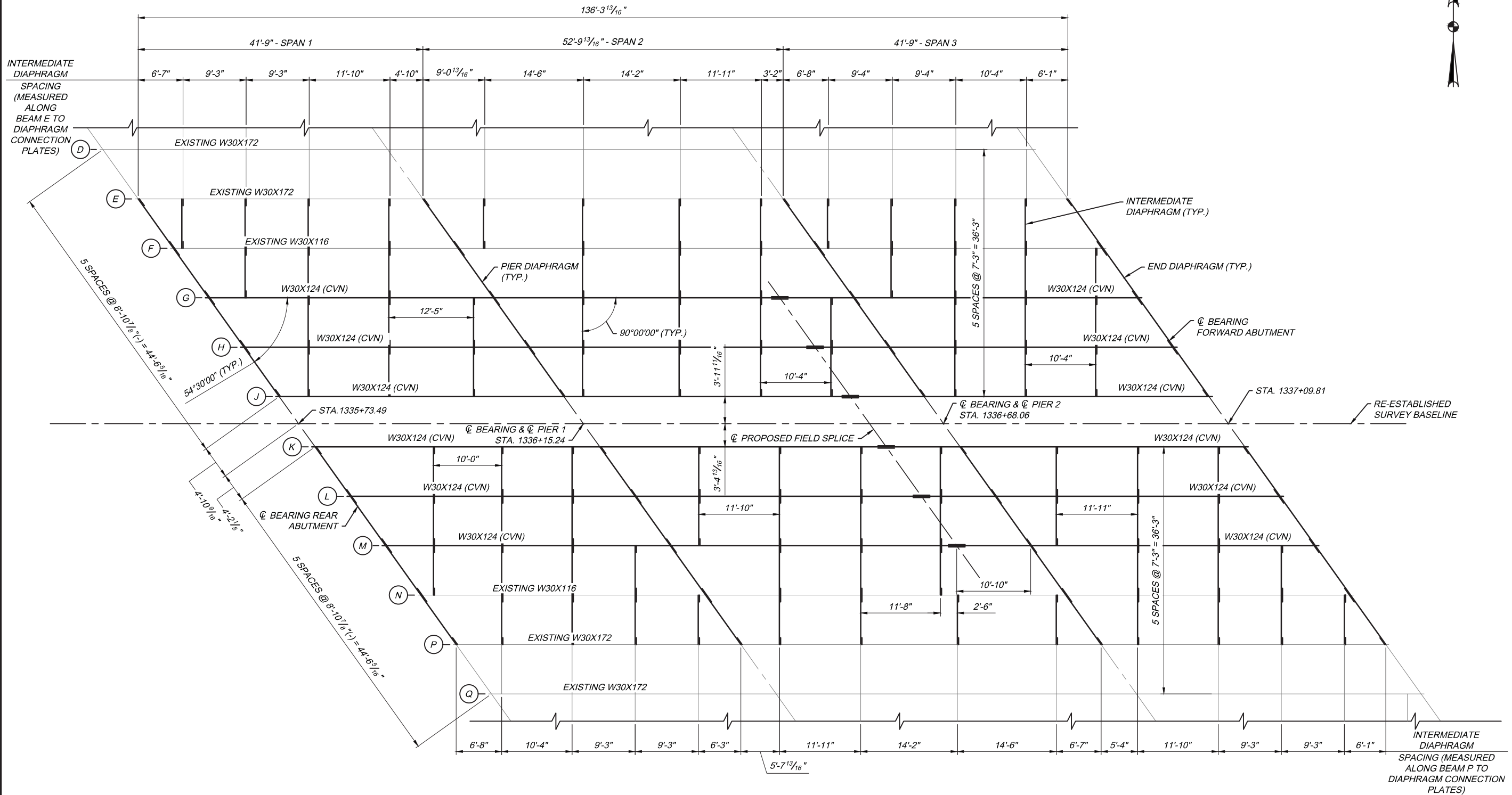
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OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION



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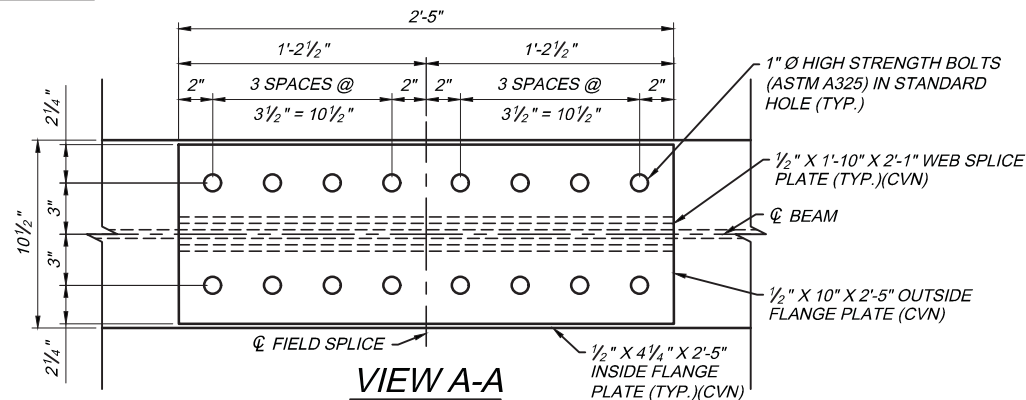
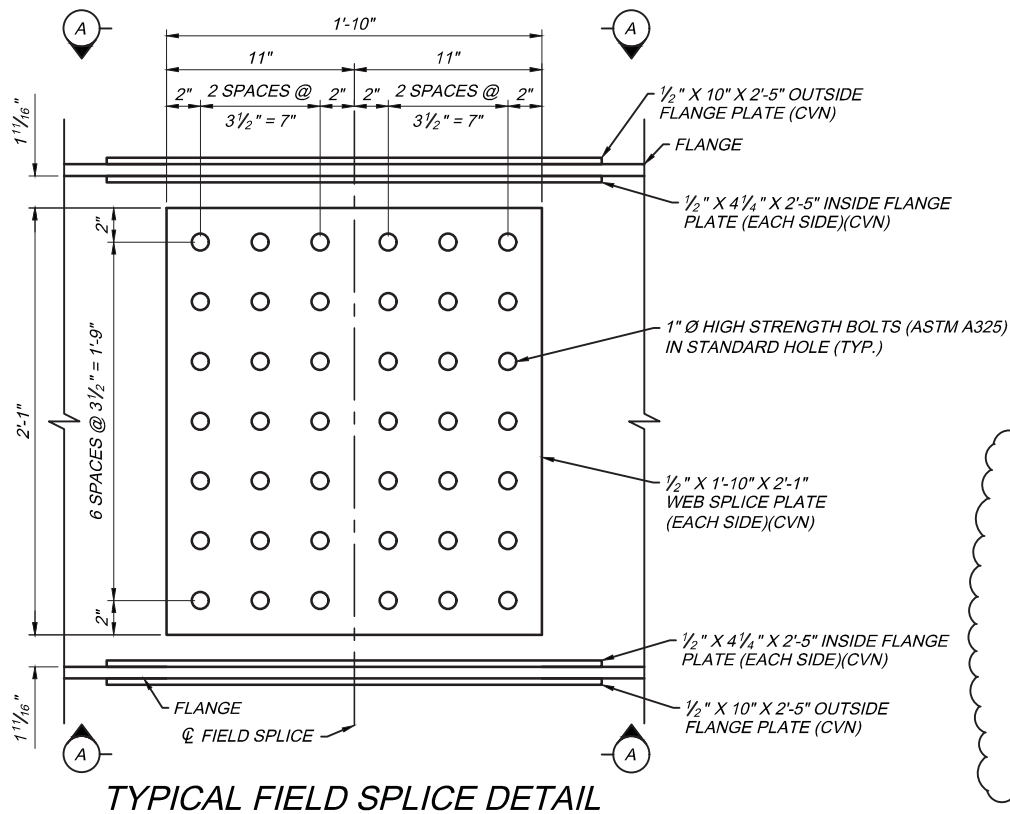
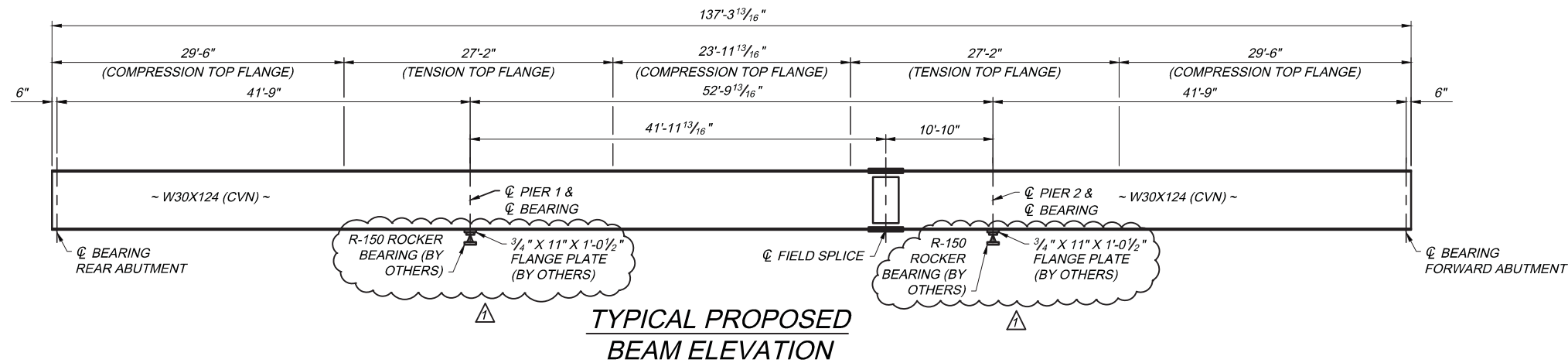
### NOTES

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- FOR DIAPHRAGM DETAILS SEE SHEET 5/5.
- FOR BEAM ELEVATIONS SEE SHEET 4/5.
- FOR ADDITIONAL NOTES SEE SHEET 4/5.



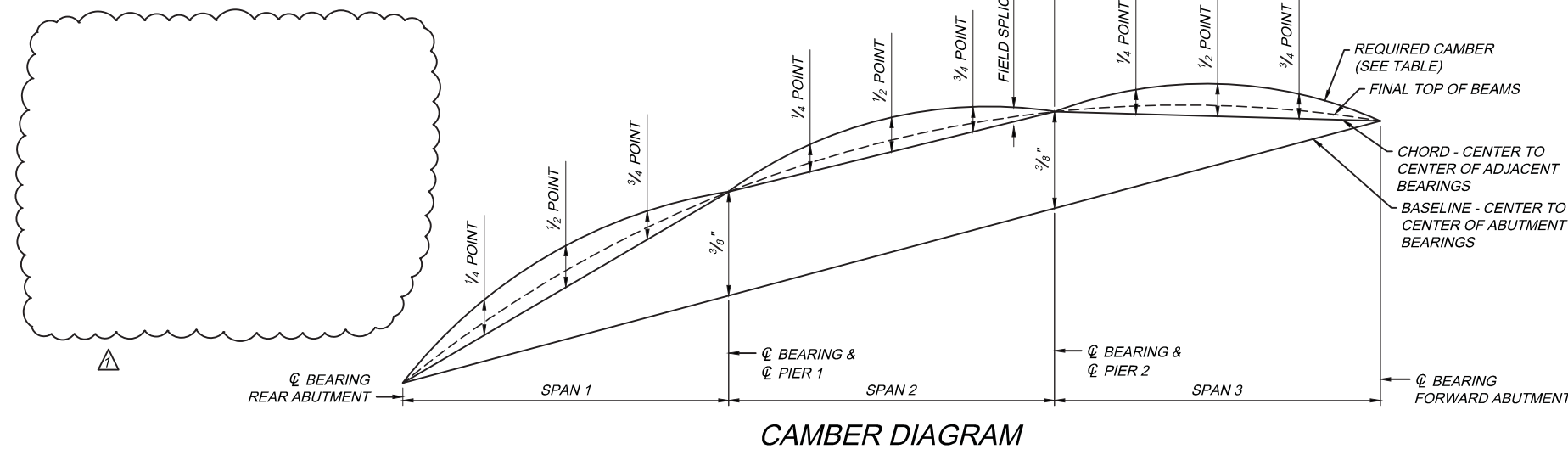
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<div>OHIO TURNPIKE</div>			<div>OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION</div>							<div>OHIO TURNPIKE</div>			





BOTTOM OF BEAM ELEVATIONS				
BEAM	CL BEARING REAR ABUTMENT	CL PIER 1	CL PIER 2	CL BEARING FORWARD ABUTMENT
E	706.24±	706.18±*	706.19±*	706.23±
F	706.10±	706.02±*	706.06±*	706.01±
G	706.24	706.27	706.26	706.22
H	706.13	706.15	706.14	706.10
J	706.02	706.04	706.02	705.97
K	706.02	706.04	706.02	705.97
L	706.14	706.15	706.13	706.08
M	706.26	706.27	706.24	706.18
N	706.21±	706.06±*	705.98±*	706.05±
P	706.34±	706.19±*	706.14±*	706.18±

\* DENOTES ELEVATION IS GIVEN AT BOTTOM OF BOTTOM OUTSIDE FLANGE SPLICE PLATE



## NOTES

- WHERE A SHAPE OR PLATE IS DESIGNATED (CVN), FURNISH MATERIAL THAT MEETS THE MINIMUM NOTCH TOUGHNESS REQUIREMENTS AS SPECIFIED IN ODOT CMS 711.01.
- HIGH STRENGTH BOLTS SHALL BE 1" DIAMETER A325, TYPE 1 UNLESS OTHERWISE NOTED.
- SEE SHEET 3/5 FOR FRAMING PLAN.
- FOR STEEL SURFACES SPECIFIED TO BE COATED ACCORDING TO SP 514, APPLY A PRIME COAT IN THE SHOP IN ACCORDANCE WITH SP 514
- STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50.

STRUCTURAL STEEL DEFLECTION & CAMBER TABLE (BEAMS G-M)														
	SPAN 1					SPAN 2					SPAN 3			
LOCATION	REAR ABUTMENT	1/4 POINT	1/2 POINT	3/4 POINT	PIER 1	1/4 POINT	1/2 POINT	3/4 POINT	FIELD SPLICE	PIER 2	1/4 POINT	1/2 POINT	3/4 POINT	FORWARD ABUTMENT
DEFLECTION DUE TO WEIGHT OF STEEL	0"	0"	0"	0"	0"	0"	1/16"	0"	0"	0"	0"	0"	0"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	1/8"	3/16"	1/16"	0"	1/8"	3/16"	1/8"	1/8"	0"	1/16"	3/16"	1/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL AND HORIZONTAL CURVATURE	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"
REQUIRED SHOP CAMBER	0"	1/8"	3/16"	1/16"	0"	1/8"	1/4"	1/8"	1/8"	0"	1/16"	3/16"	1/8"	0"

DESIGN AGENCY  
NORTHWEST CONSULTANTS, INC.  
3220 CENTRAL PARK WEST  
TOLEDO, OHIO 43617  
P.(419) 841-4704 F.(419) 841-2979

BY DATE  
DLC 10/18

REVISIONS  
ADDENDUM NO. 1

CHECKED  
APM

DESIGNED  
DLC

NO. 1

IN CHARGE  
KJJ

SUPERSTRUCTURE DETAILS  
OHIO TURNPIKE OVER STATE ROUTE 64  
FULTON COUNTY

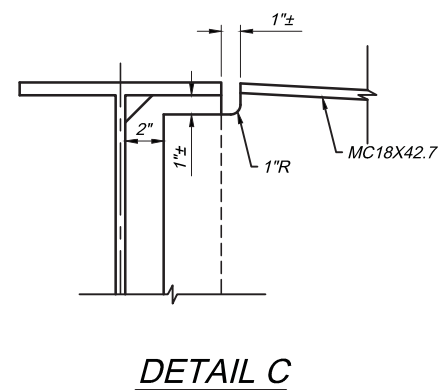
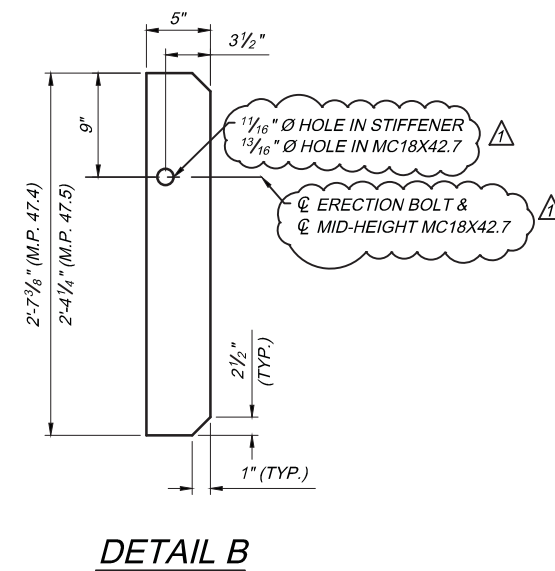
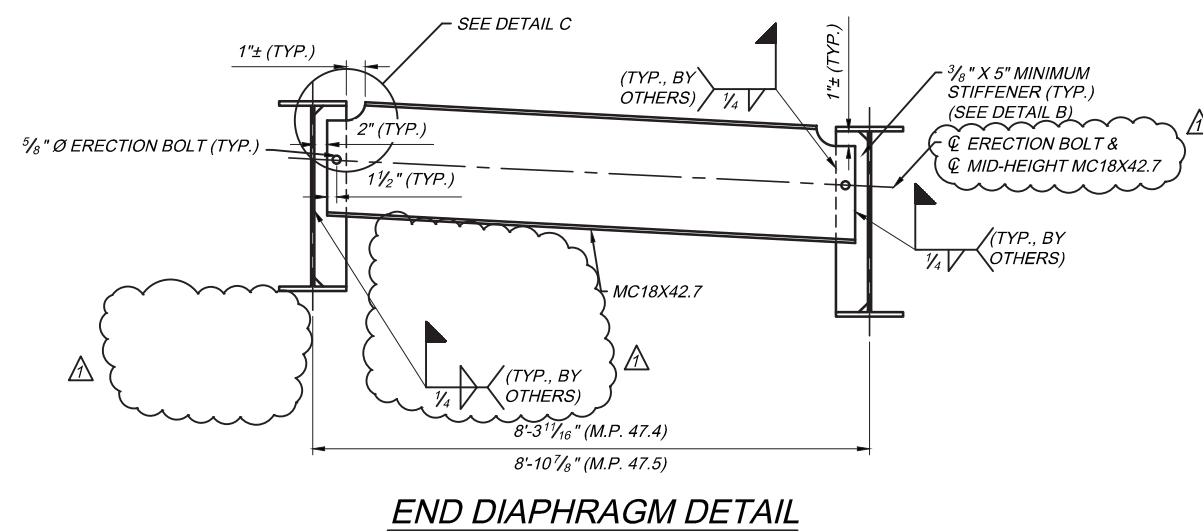
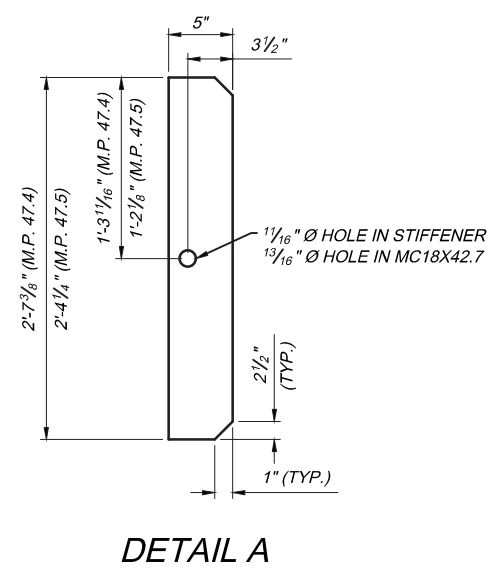
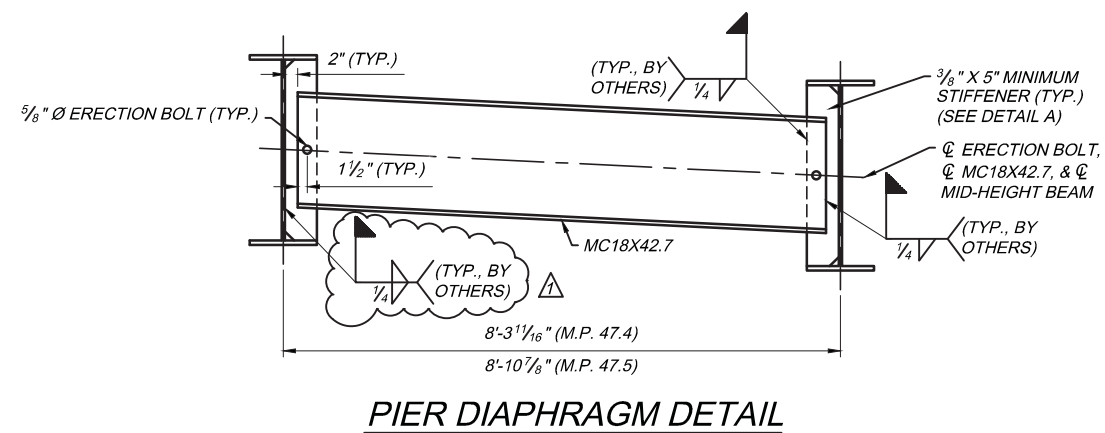
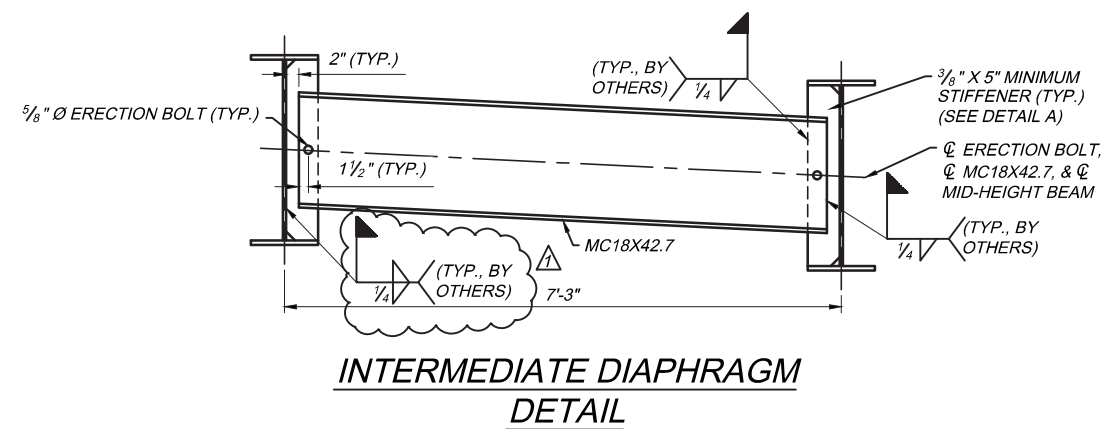
PROJECT 43-19-07  
DATE: 10/23/18

4 / 5

4  
5

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION





## NOTES

1. *THE HOLE DIAMETER IN THE DIAPHRAGMS SHALL BE 3/16" LARGER THAN THE DIAMETER OF THE ERECTION BOLTS. SUPPLY ONE WASHER AND NUT WITH EACH ERECTION BOLT. FURNISH ERECTION BOLTS AS PART OF ITEM 513.*
2. *THE FABRICATOR SHALL CHECK LONGITUDINAL DIAPHRAGM SPACING SO THAT INTERFERENCE WITH BOLTED SPLICES AND ANCHOR BOLTS CAN BE AVOIDED. SPACING SHALL BE ADJUSTED TO PROVIDE AT LEAST SIX (6) INCHES OF LONGITUDINAL CLEARANCE. DIAPHRAGM LOCATIONS MAY BE ADJUSTED UP TO 1'-0" MAXIMUM.*
3. *FOR M.P. 47.4 FRAMING PLAN SEE SHEET 1/5.*
4. *FOR M.P. 47.5 FRAMING PLAN SEE SHEET 3/5.*
5. *FOR ADDITIONAL NOTES FOR THE M.P. 47.4 STRUCTURE SEE SHEET 2/5.*
6. *FOR ADDITIONAL NOTES FOR THE M.P. 47.5 STRUCTURE SEE SHEET 4/5.*



<div><div>5</div><div>5</div></div>		<div>PROJECT 43-19-07</div> <div>DATE: 10/23/18</div>		<div>SUPERSTRUCTURE DETAILS</div> <div>M.P. 47.4 AND M.P. 47.5</div> <div>FULTON COUNTY</div>			<div>DESIGNED</div> <div>DLC</div> <div>DRAWN</div> <div>DLC</div>				<div>CHECKED</div> <div>APM</div> <div>IN CHARGE</div> <div>KJJ</div>		<div>NO.</div> <div>1</div> <div>-</div> <div>-</div>		<div>REVISIONS</div> <div>ADDENDUM NO. 1</div> <div>-</div> <div>-</div>		<div>BY DATE</div> <div>DLC 10/18</div> <div>-</div> <div>-</div>		<div>DESIGN AGENCY</div> <div>NORTHWEST CONSULTANTS, INC.</div> <div>3320 CENTRAL PARK WEST</div> <div>TOLEDO, OHIO 43617</div> <div>P:(419) 841-4704 F:(419) 841-2979</div>	
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