

**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY - TRANSPORTATION DIVISION**

**PROJECT PLANS FOR
ICE HOUSE ROAD
AT JONES FORK SILVER CREEK
BRIDGE MAINTENANCE PROJECT
(ICE HOUSE ROAD MILE POST 12.56/12.58)**

BRIDGE NO. 25C-0045

FEDERAL PROJECT NO. BPMP 5925 (105)

TO BE SUPPLEMENTED WITH STANDARD PLANS AND SPECIFICATIONS DATED 2010,
INCLUDING THE REVISED STANDARD SPECIFICATIONS OF THE
CALIFORNIA DEPARTMENT OF TRANSPORTATION, UNLESS OTHERWISE NOTED



LOCATION MAP

BOARD OF SUPERVISORS

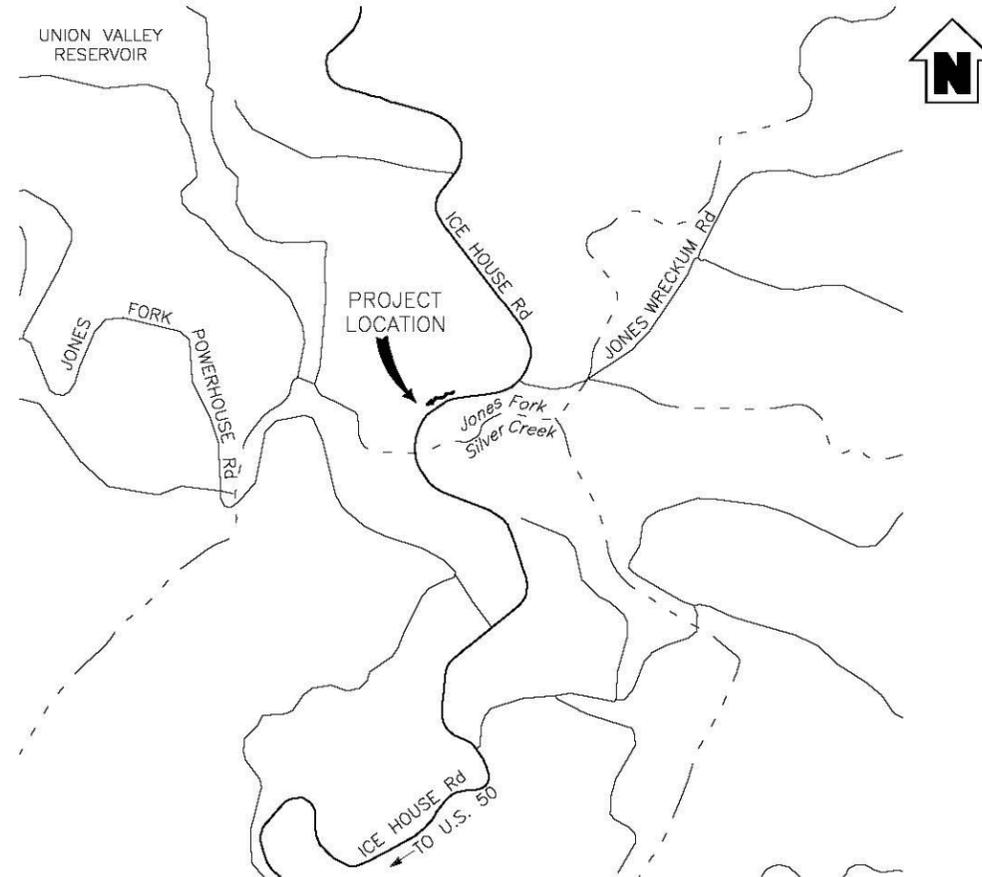
I	JOHN HIDAHL
II	SHIVA FRENTZEN
III	BRIAN VEERKAMP
IV	MICHAEL RANALLI
V	SUE NOVASEL

**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION**

(530) 621-5900
2850 FAIRLAKE CT
PLACERVILLE, CA 95667

INDEX OF PLANS

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13	S-10	REMOVAL DETAILS
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**PLAN
NO SCALE**

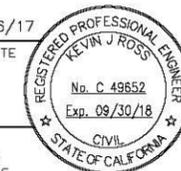
CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Act (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans. Failure of the successful Bidder to obtain proper and adequate licensing at the time bids are submitted shall constitute a failure to execute the Contract, and forfeiture as provided under that section.

REVISIONS		
MARK	DATE	BY



Kevin J Ross
CONSULTANT PROJECT MANAGER
KEVIN ROSS, P.E.

01/06/17
DATE



01/06/17

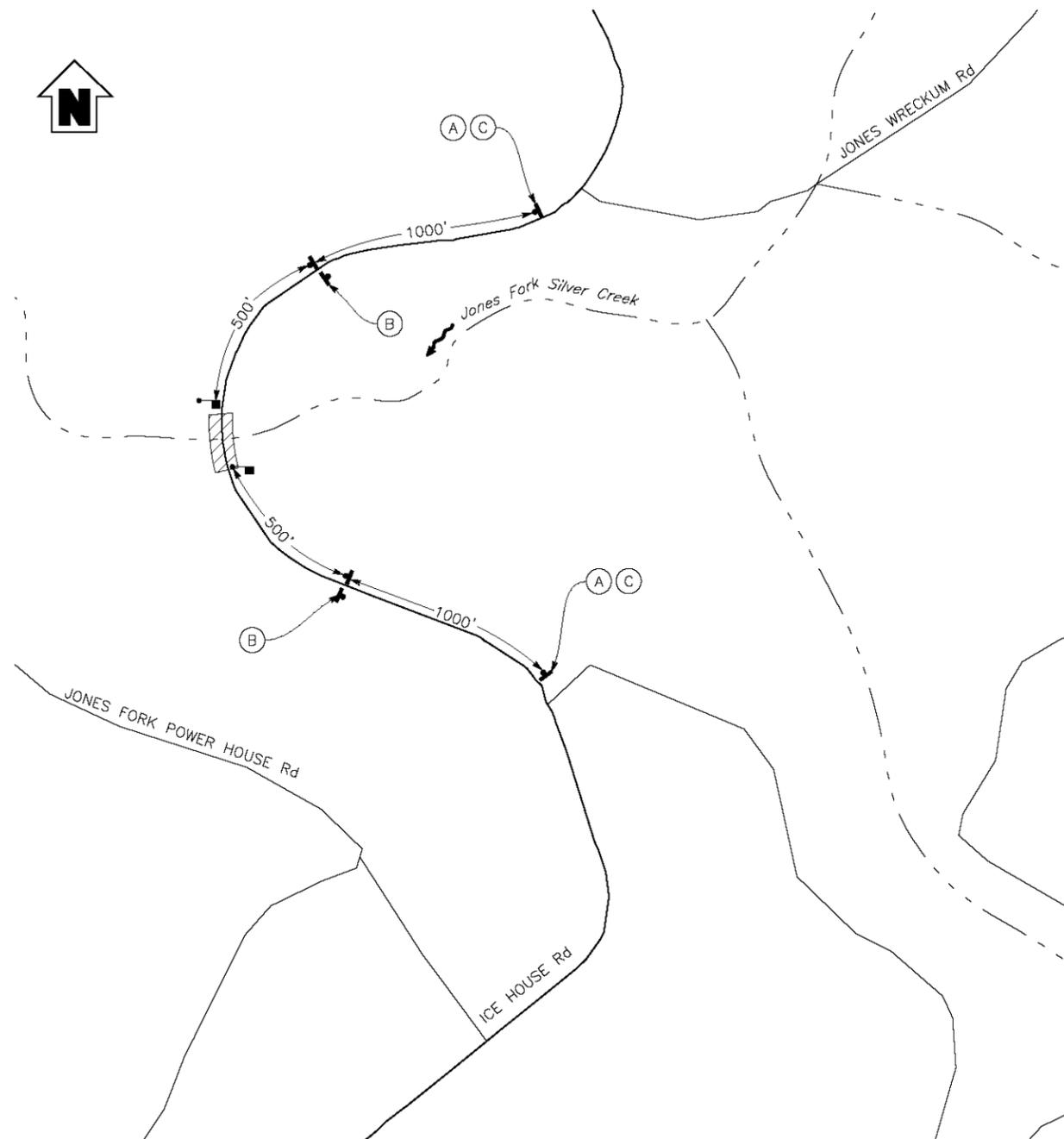
PLANS APPROVAL DATE
THE COUNTY OF EL DORADO OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ADOPTED AND APPROVED BY:

SHIVA FRENTZEN CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS	DATE
APPROVED BY:	DATE
ROGER NELSON, INTERIM DIRECTOR COMMUNITY DEVELOPMENT AGENCY	DATE
APPROVED BY:	DATE
JOHN WANKING, P.E. NO. C22426 DEPUTY DIRECTOR, ENGINEERING	DATE

P.W. NO. 16-31122 PROJECT NO. 77131
ICE HOUSE ROAD AT JONES FORK SILVER CREEK BRIDGE MAINTENANCE (25C-0045)
TITLE SHEET
SHEET 1 OF 14

T-1



LEGEND

- CONSTRUCTION AREA SIGN
- FLAGGER
- PROJECT LOCATION

NOTES:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. ALL CONSTRUCTION AREA SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE 2010 CALIFORNIA MUTCD AND THE 2010 CALTRANS STANDARD PLANS.
3. ALL CONSTRUCTION AREA SIGNS SHALL BE EQUIPPED WITH WARNING LIGHTS.

CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE	REMARKS
A	W20-1	36"x36"	1-4"x4"	2	ROAD WORK AHEAD	
B	G20-2	36"x18"	-	2	END ROAD WORK	
C	C17 (CA)	24"x24"	-	2	CALIFORNIA SPEED LIMIT	15 MPH, MOUNTED WITH W20-1

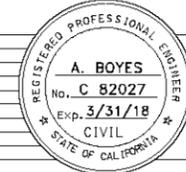
PLAN
NO SCALE

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
A. Boyes
REGISTERED CIVIL ENGINEER
DATE: 01/06/17

DESIGNED: A.B. DRAWN: A.H.
CHECKED: K.R. DATE: 01/06/17
ROAD NUMBER:

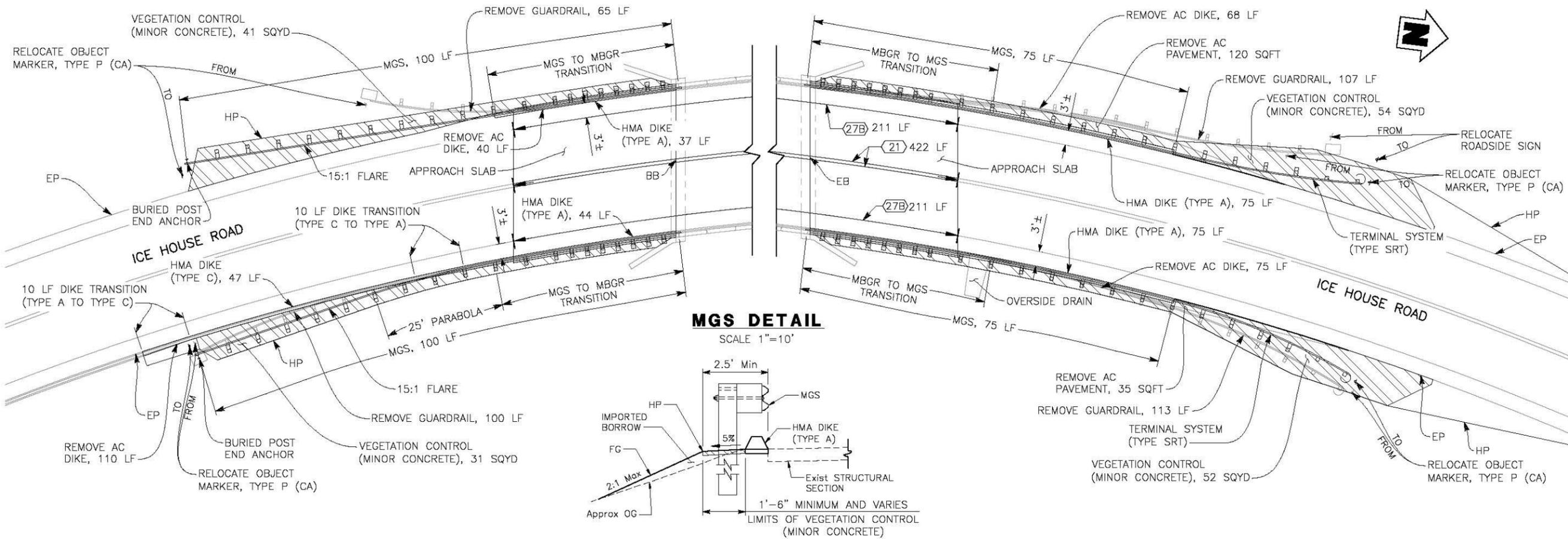


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER CREEK BRIDGE MAINTENANCE (25C-0045)

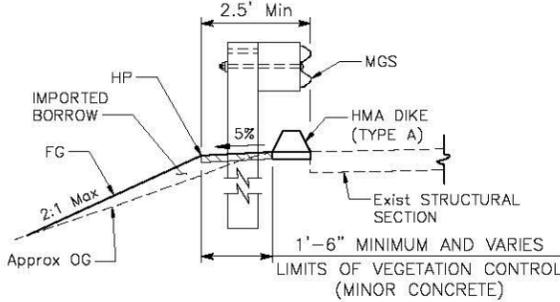
SHEET
CS-1
2 OF 14
W.C. No.

CONSTRUCTION AREA SIGNS
SCALE AS SHOWN



MGS DETAIL

SCALE 1"=10'

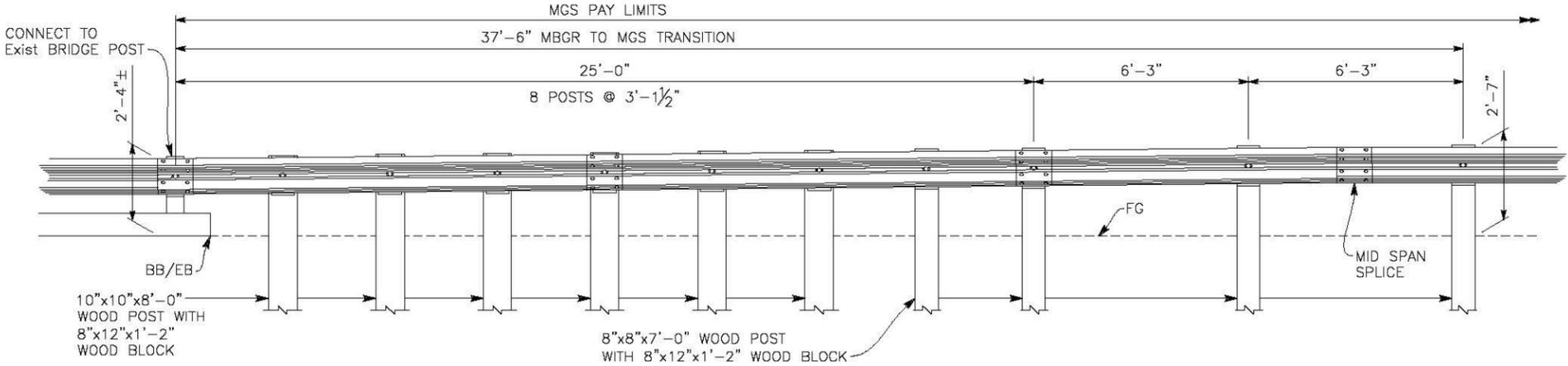


TYPICAL SHOULDER DETAIL

NO SCALE

LEGEND:

- VEGETATION CONTROL (MINOR CONCRETE)
- TRAFFIC STRIPE DETAIL NUMBER
- BEGIN OR END OF STRIPING DETAIL



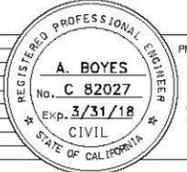
MBGR TO MGS TRANSITION DETAIL

NO SCALE

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REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
A. Boyes
 REGISTERED PROFESSIONAL ENGINEER
 DATE: 01/06/17

DESIGNED: A.B. DRAWN: A.B.
 CHECKED: K.R. DATE: 01/06/17
 ROAD NUMBER:

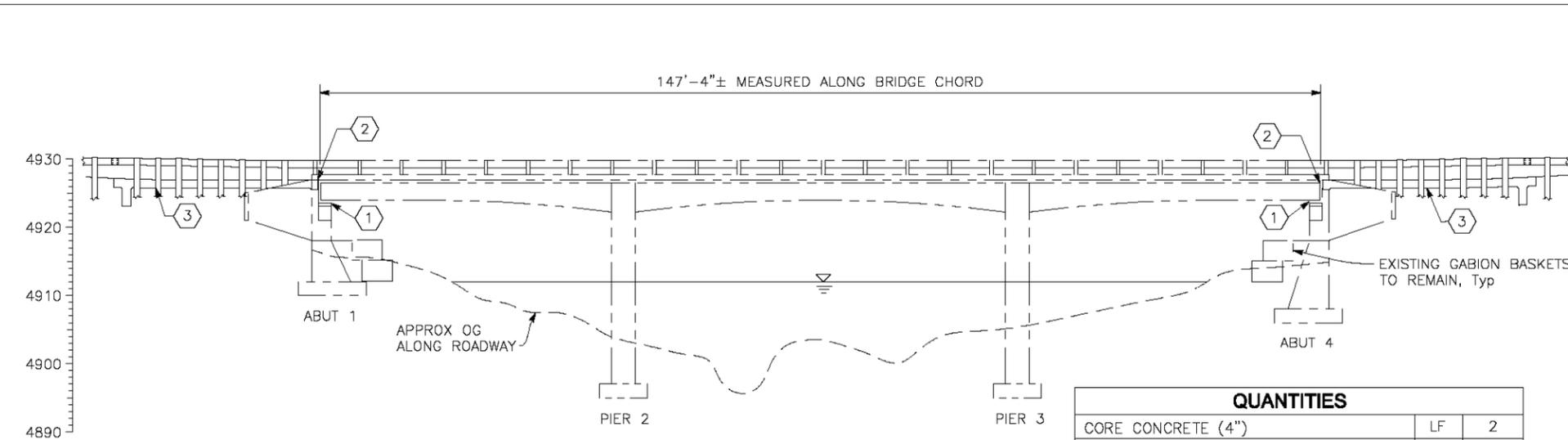


COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

LAYOUT
SCALE AS SHOWN

SHEET
L-1
3 OF 14
 W.D. No.



LEGEND:

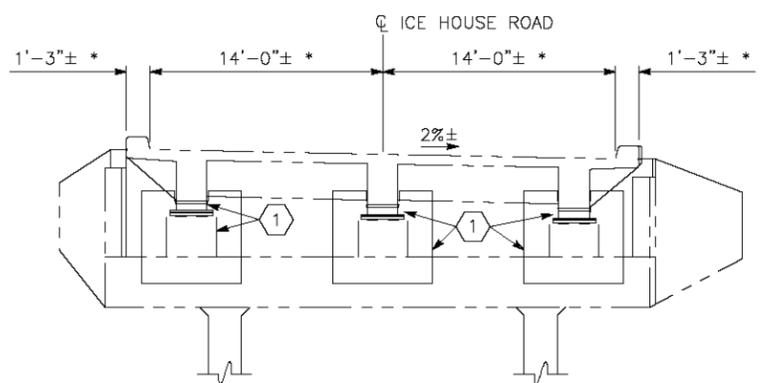
- Indicates Direction of Water Flow
- Indicates Direction of Traffic
- Indicates Existing Bridge
- Indicates Existing Deck Drain
- Indicates New Structure

BRIDGE PREVENTATIVE MAINTENANCE LEGEND:

- Modify existing pedestal, construct Shear Key and replace Bearings
- Joint Seal Replacement
- Construct Structure Approach (Type R) (30S) (Modified)

QUANTITIES		
CORE CONCRETE (4")	LF	2
BRIDGE REMOVAL	LS	1
TEMPORARY SUPPORT	LS	1
TEMPORARY DECKING	LS	1
STRUCTURAL CONCRETE, BRIDGE	CY	13
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R) (30S) (MODIFIED)	CY	91
DRILL AND BOND DOWEL	LF	208
PRECAST CONCRETE BLOCK	EA	6
REPLACE BEARINGS	EA	6
BONDED TYPE B JOINT SEAL	LF	61
BAR REINFORCING STEEL (BRIDGE)	LB	1,650
STRUCTURAL STEEL	LB	145
SPOT BLAST CLEAN AND PAINT UNDERCOAT	SQFT	24.6
ABUTMENT LUMBER BLOCKING	BF*	280
MISCELLANEOUS METAL (BRIDGE)	LB	1,660

* BF = BOARD FEET



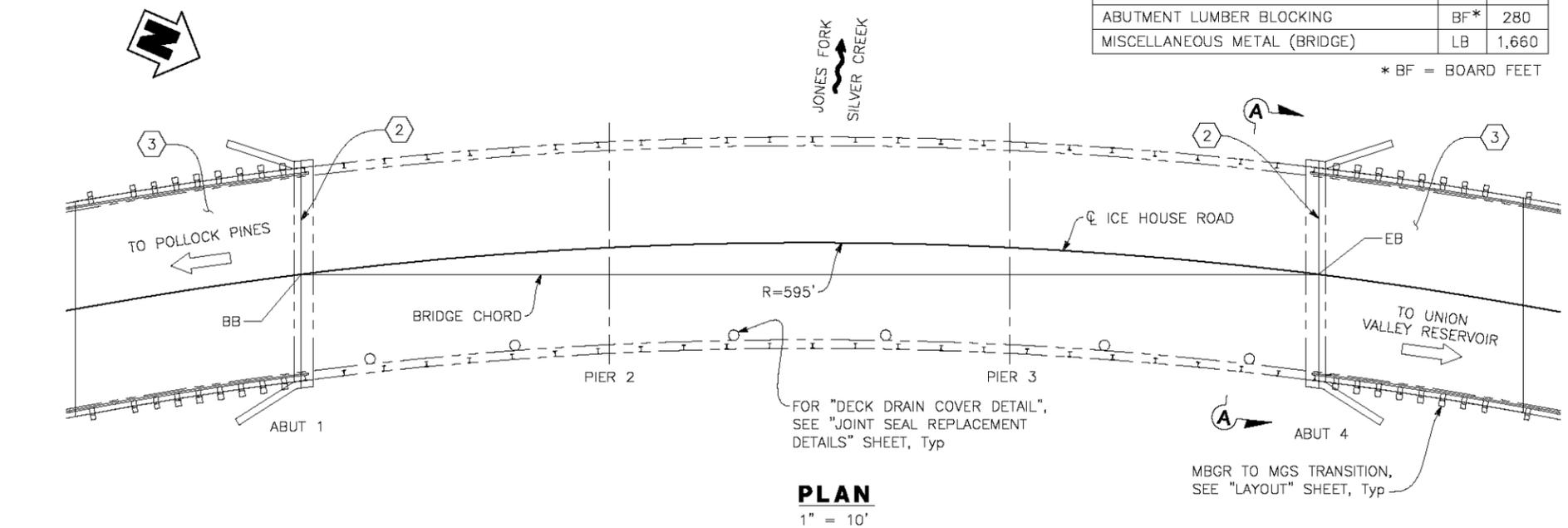
SECTION A-A

1" = 5'
(ABUTMENT 2 SHOWN, ABUTMENT 1 SIMILAR)

* Distance measured perpendicular to ϕ Ice House Road

**GENERAL NOTES
LOAD RESISTANCE FACTOR DESIGN**

- DESIGN: AASTHO LRFD Bridge Design Specifications, Sixth Edition, 2012 and the California Amendments, preface dated January 2014
- LIVE LOADING: HL 93 and permit design loading
- REINFORCED CONCRETE: $f_y = 60$ ksi
 $f'_c = 4.0$ ksi
- STRUCTURAL STEEL: ASTM A709/A, GRADE 36
 $f_y = 36$ ksi



PLAN
1" = 10'

CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Kevin Ross
REGISTERED CIVIL ENGINEER
DATE: 01/06/17

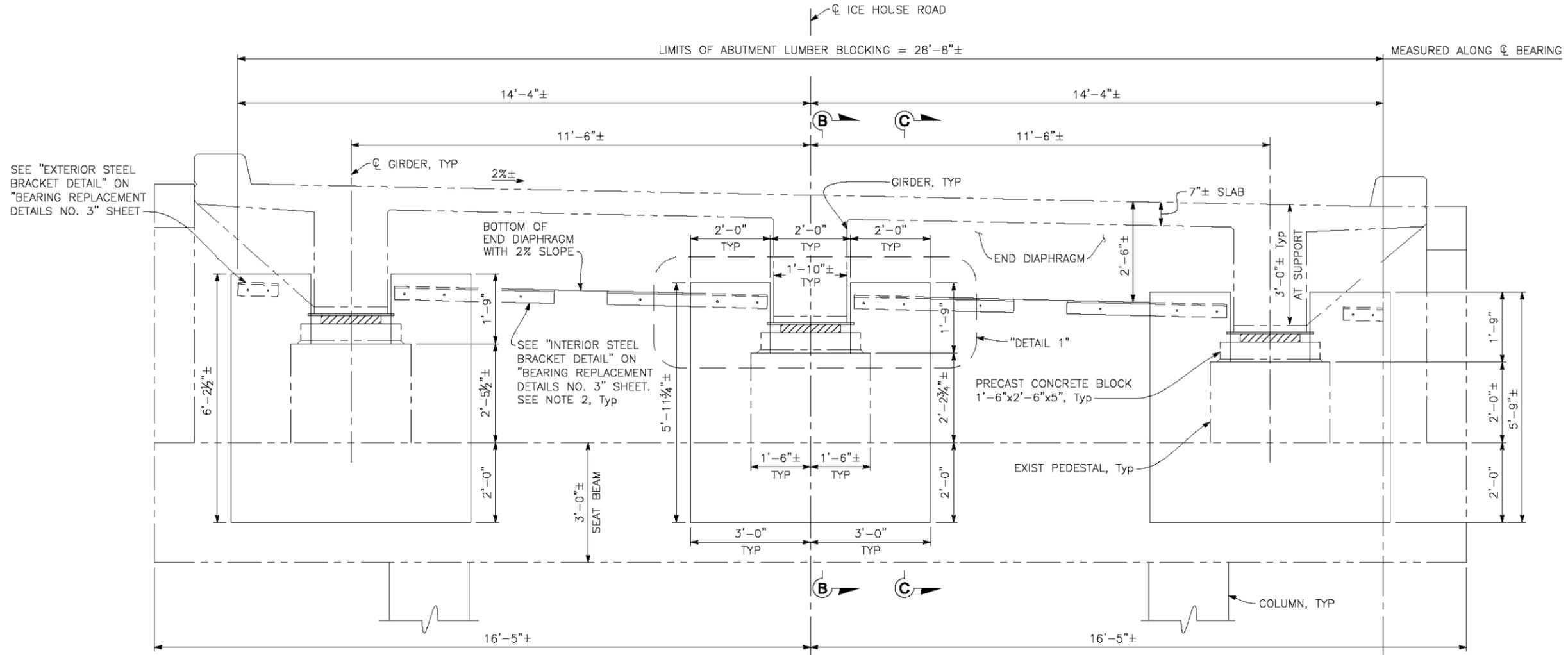
DESIGNED: G.X. A.H.
CHECKED: K.R. DATE: 01/06/17
ROAD NUMBER:



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

SHEET
S-1
4 OF 14
W.C. No.



ABUTMENT SEAT ELEVATION

3/4" = 1'-0"
 ABUTMENT 2 SHOWN, ABUTMENT 1 SIMILAR

NOTES:

1. For "SECTION B-B", "SECTION C-C" and "DETAIL 1", see "Bearing Replacement Details No. 2" sheet.
2. Top of steel bracket to be placed at bottom of existing End Diaphragm.

LEGEND:

- - - - - Indicates Existing Bridge
- Indicates New Structure

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



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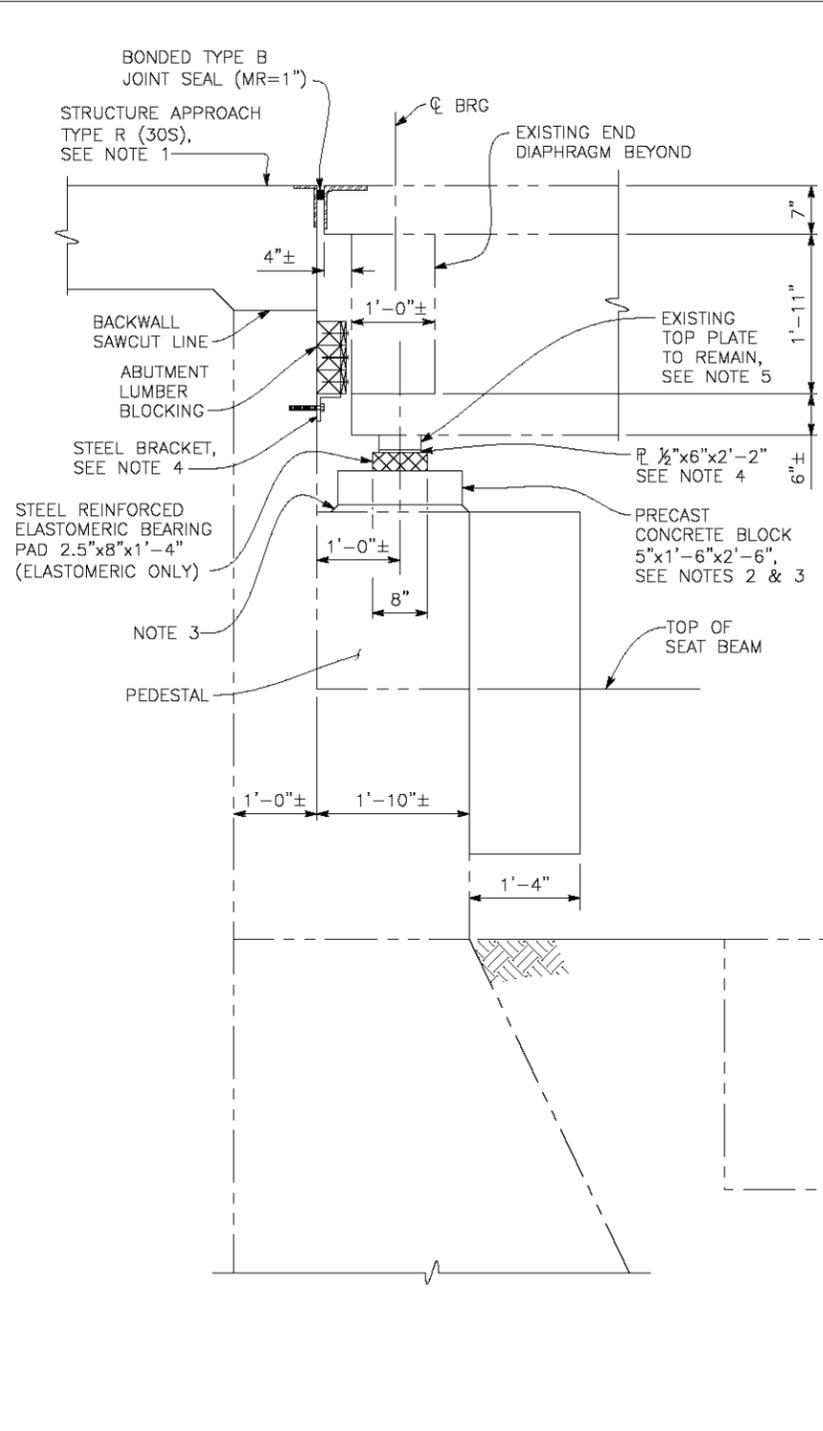


**COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION**

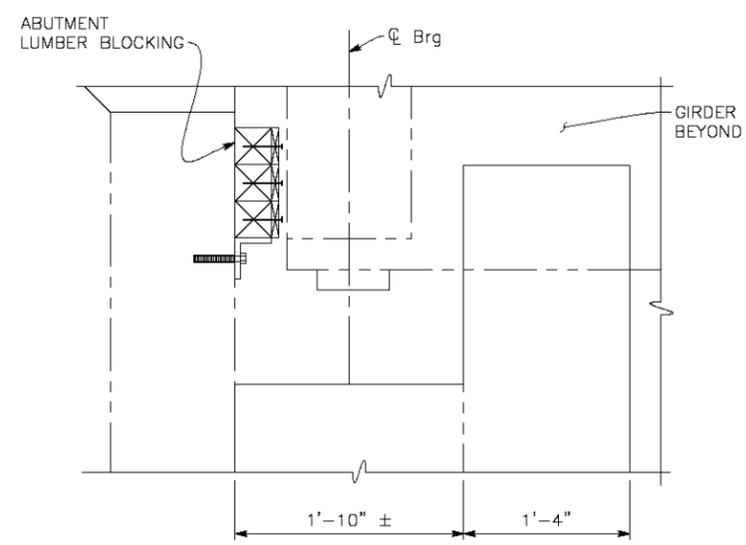
**BEARING REPLACEMENT DETAILS NO. 1
 SCALE AS SHOWN**

**ICE HOUSE ROAD AT JONES FORK SILVER
 CREEK BRIDGE MAINTENANCE (25C-0045)**

SHEET
9-2
 5 OF 14
 W.C. No.



SECTION B-B
1" = 1'-0"



SECTION C-C
1 1/2" = 1'-0"
FOR DETAILS NOT SHOWN, SEE "SECTION B-B"

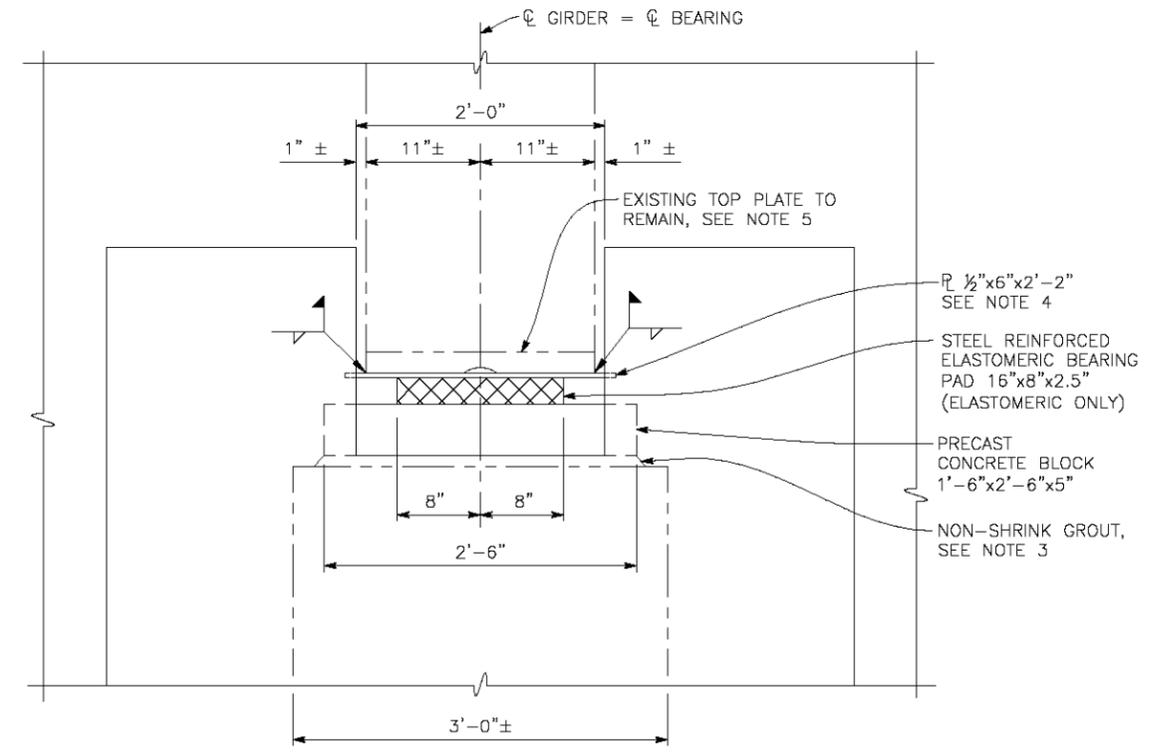
NOTES:

1. For details not shown, see "STRUCTURE APPROACH SLAB DETAILS" sheet.
2. For Precast Concrete Block Details, see "TEMPORARY SUPPORT DETAILS" sheet.
3. Apply a non-shrink grout pad to the top of the existing pedestal as needed to ensure full bearing is achieved between the proposed elastomeric bearing pad and the bottom of existing girder prior to installing the precast concrete block. Attach precast concrete block using epoxy resin.
4. Paint steel plate and bracket green.
5. Clean and paint all exposed surfaces of existing top plate to remain.

LEGEND:

- Indicates Existing Bridge
- Indicates New Structure

CLEAN AND PAINT STRUCTURAL STEEL (EXISTING BRIDGE) TABLE	
WORK ITEM	Approx TOTAL AREA (SQFT)
SPOT BLAST CLEAN AND PAINT UNDERCOAT	24.6



DETAIL 1
1 1/2" = 1'-0"

BEARING REPLACEMENT DETAILS NO. 2
SCALE AS SHOWN

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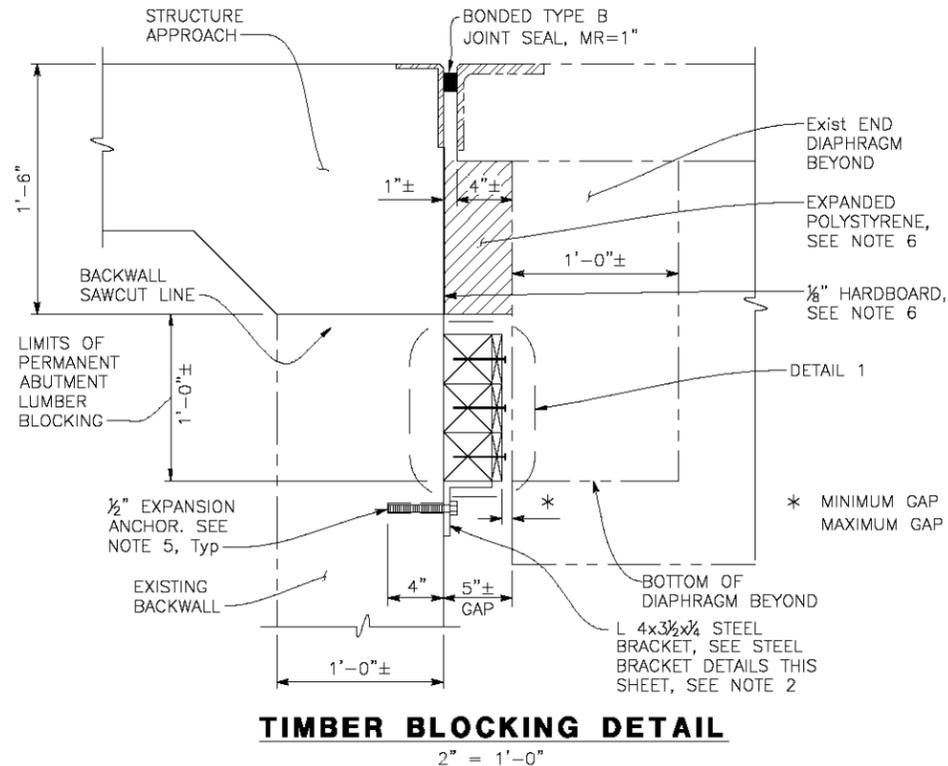
DESIGNED: G.X. DRAWN: A.H.
CHECKED: K.R. DATE: 01/06/17
ROAD NUMBER:



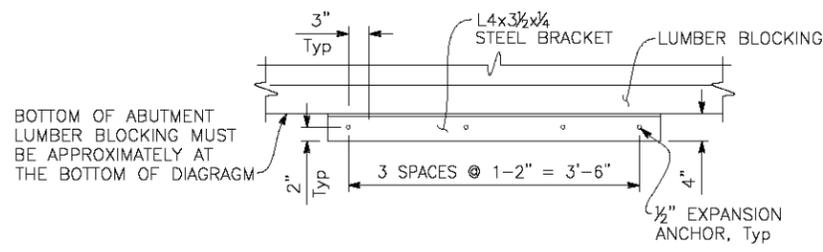
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

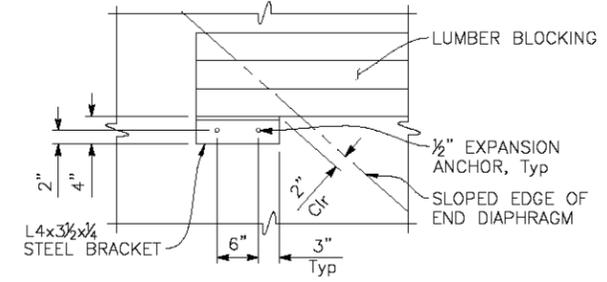
SHEET
S-3
6 OF 14
W.C. No.



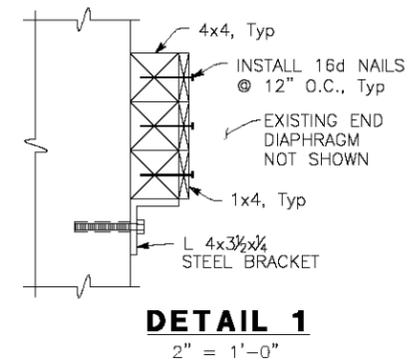
TIMBER BLOCKING DETAIL
2" = 1'-0"



INTERIOR STEEL BRACKET DETAIL
1" = 1'-0"



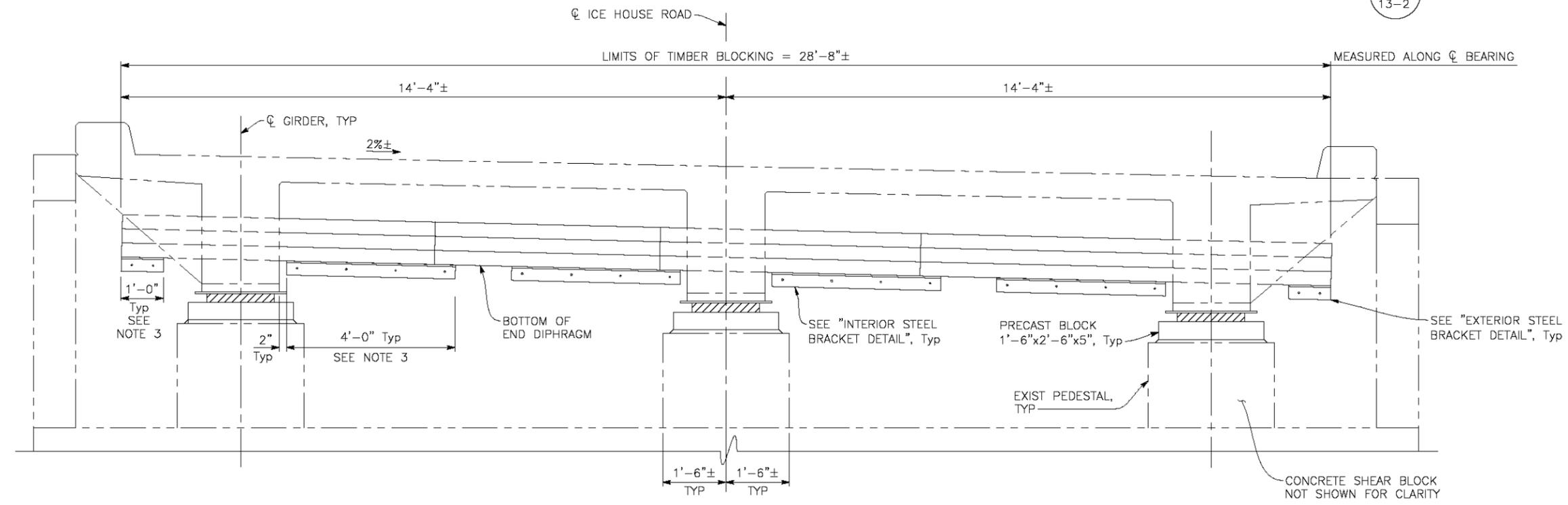
EXTERIOR STEEL BRACKET DETAIL
1" = 1'-0"
Left Side shown, Right Side Similar



DETAIL 1
2" = 1'-0"

NOTES:

1. See "Removal Details" sheet for limits of joint assembly removal.
2. Prior to fabricating steel bracket, drill holes for 1/2" expansion anchors and adjust holes in bracket to match field drilled hole locations.
3. For limits of Abutment Lumber Blocking, refer to "BEARING REPLACEMENT DETAILS NO. 1" sheet. Abutment Lumber Blocking may consist of short pieces for ease of placement, but each piece must be at least 4'-0" long.
4. Joints in abutment lumber blocking must be located within the length of a steel bracket with a minimum of 6" from the end of the steel bracket.
5. Contractor must locate existing bar reinforcing prior to drilling holes for 1/2" expansion anchors. Contractor is responsible for relocating drilled holes to miss existing bar reinforcing.
6. Place hardboard and polystyrene per standard plan BO-13
13-2



STEEL BRACKET AND TIMBER BLOCKING DETAIL
3/4" = 1'-0"

BEARING REPLACEMENT DETAILS NO. 3
SCALE AS SHOWN

CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
Kevin Ross
REGISTERED CIVIL ENGINEER
DATE: 01/06/17

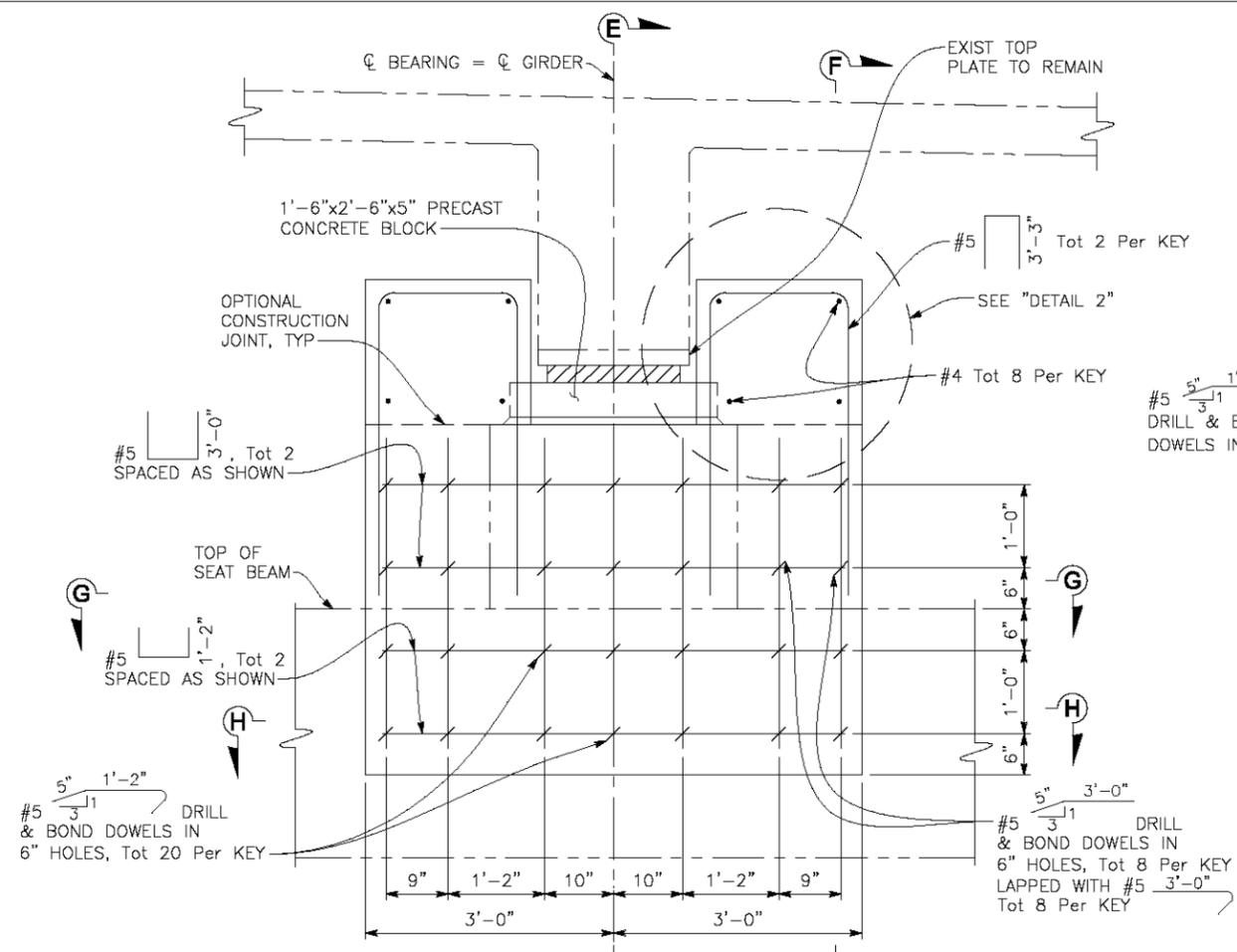
DESIGNED: G.X. DRAWN: A.H.
CHECKED: K.R. DATE: 01/06/17
ROAD NUMBER:



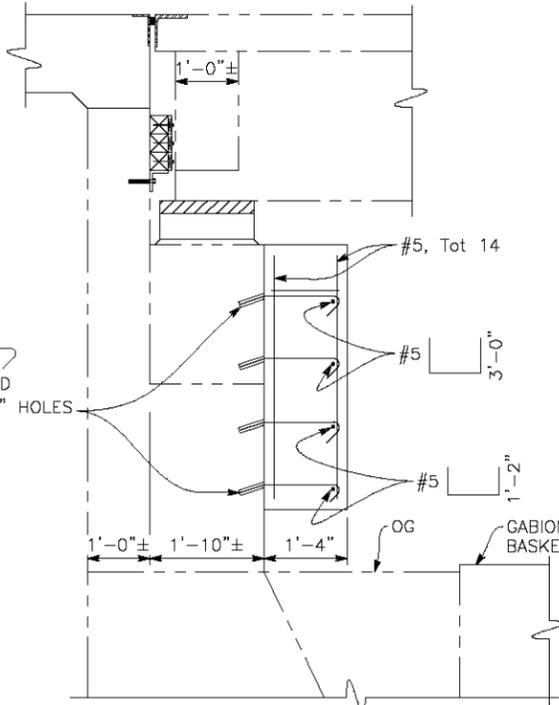
COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

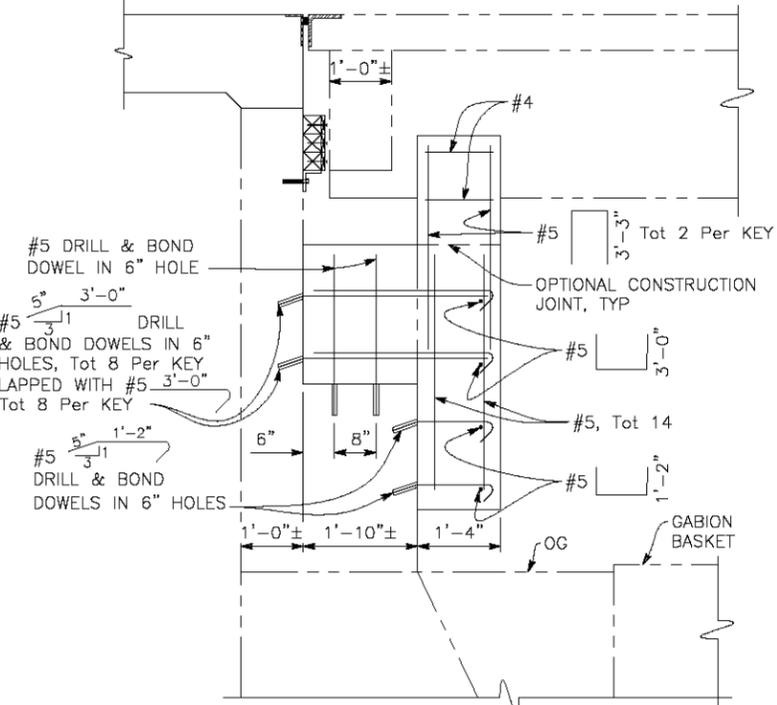
SHEET
S-4
7 OF 14
W.C. No.



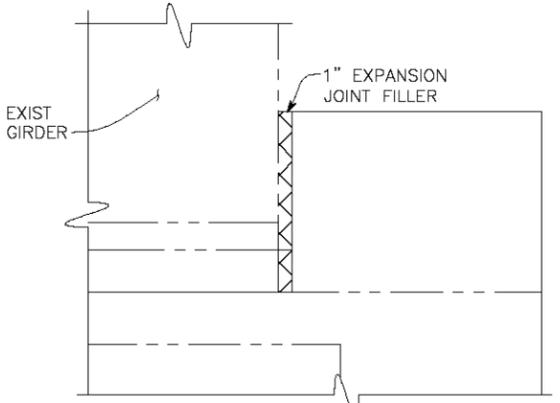
SHEAR KEY DETAIL - ELEVATION
1" = 1'-0"



SECTION E-E
3/4" = 1'-0"



SECTION F-F
3/4" = 1'-0"



DETAIL 2
2" = 1'-0"

NOTES:

- FOR HEIGHT OF EXISTING PEDESTAL, SEE "BEARING REPLACEMENT DETAILS NO. 1" SHEET.
- Contractor must locate existing bar reinforcing prior to drilling holes for drill & bond dowels. Contractor is responsible for relocating drilled holes to miss existing bar reinforcing.
- Drill and bond dowels must be placed a minimum of 6" from edge of any existing concrete surface.

BEARING REPLACEMENT DETAILS NO. 4
SCALE AS SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

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PREPARED UNDER THE SUPERVISION OF:
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DATE: 01/06/17

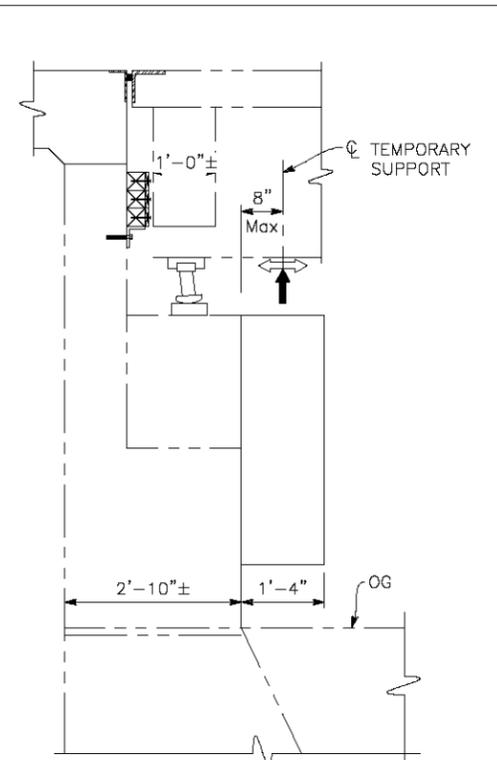
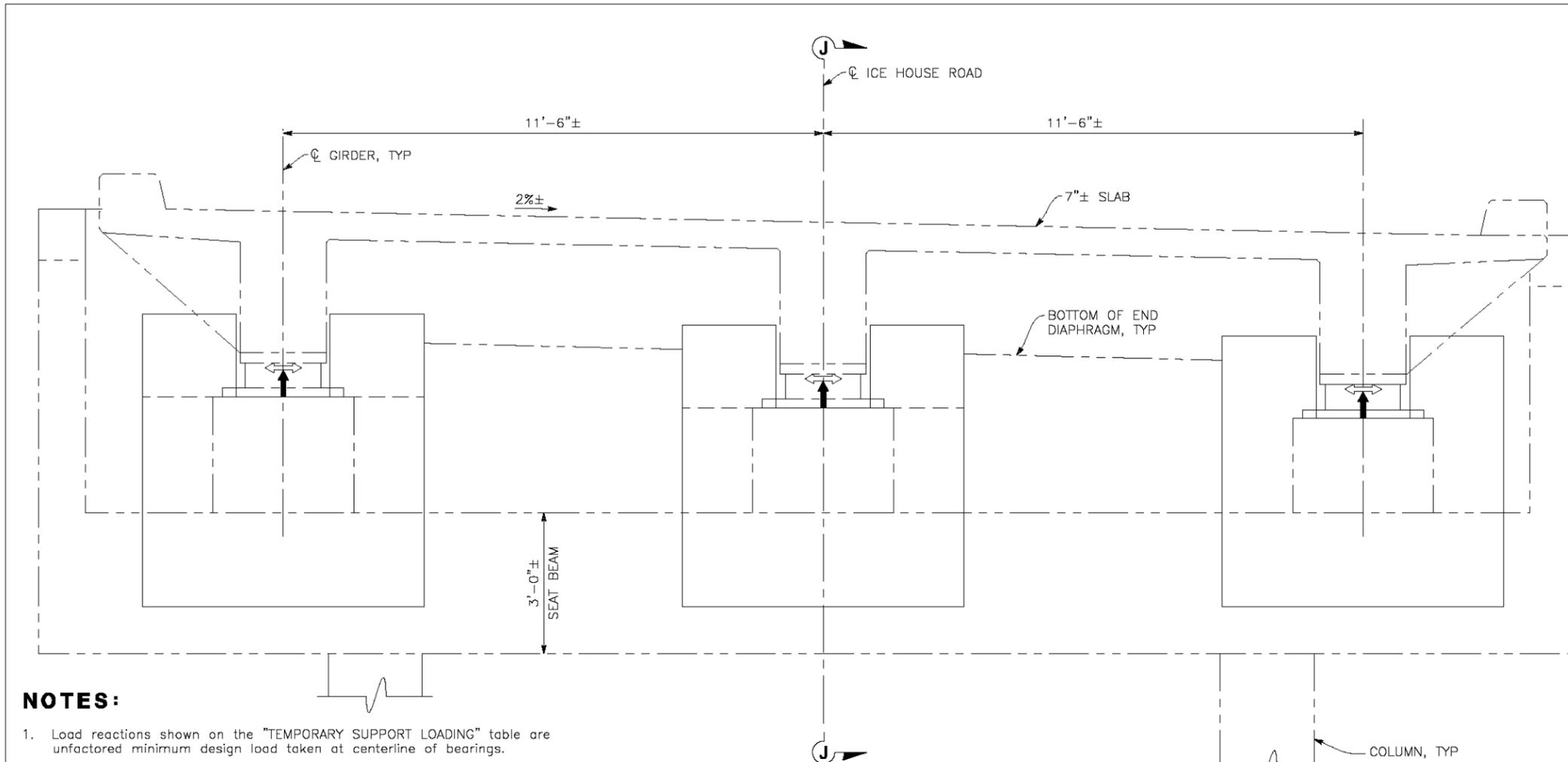
DESIGNED: G.X. DRAWN: A.H.
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ROAD NUMBER:



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

SHEET
S-5
8 OF 14
W.C. No.



SECTION J-J
NO SCALE

LEGEND:

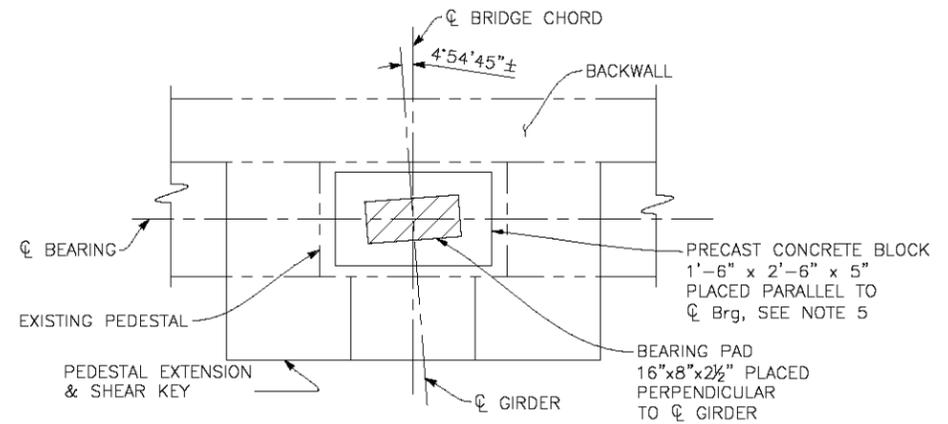
- ↑ Indicates Location of Vertical Temporary Support Load
- ↔ Indicates Location of Horizontal Temporary Support Load

NOTES:

1. Load reactions shown on the "TEMPORARY SUPPORT LOADING" table are unfactored minimum design load taken at centerline of bearings.
2. Temporary supports must be designed and provided by the contractor.
3. The Jacking Force must be applied to all jacks simultaneously across the entire width of the superstructure requiring temporary supports. Actual Jacking Force and total vertical deflection shall be enough to release existing rocker bearings and install new bearing pads, but the total vertical upward deflection must be no greater than 1/4". The maximum transverse displacement of the superstructure measured at the bottom of soffit relative to top of pedestal is 1/2".
4. Vertical deflection must be maintained during repair operation.
5. Apply a non-shrink grout pad to the top of the existing pedestal as needed to ensure full bearing is achieved between the proposed elastomeric bearing pad and the bottom of existing girder prior to installing the precast concrete block. Attach precast concrete block using epoxy resin.
6. During jacking operation, Contractor must stop all traffic to ensure no vehicles or construction equipment are on the bridge. See the Temporary Traffic Control section of these Special Provisions and Standard Specifications for this flagging cost.

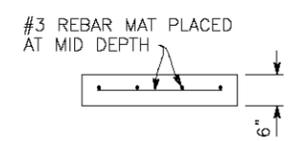
ABUTMENT SEAT ELEVATION

3/4" = 1'-0"



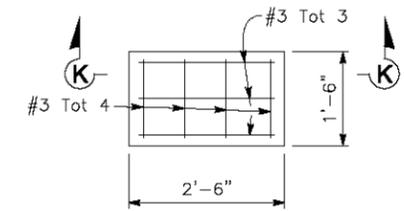
BEARING PAD LAYOUT

NO SCALE



SECTION K-K

NO SCALE



PRECAST CONCRETE BLOCK DETAIL

NO SCALE

TEMPORARY SUPPORT DETAILS
SCALE AS SHOWN

TEMPORARY SUPPORT LOADING

	VERTICAL LOADS			Lateral Support Minimum Design Load Per Girder (kips)
	Dead Load Per Girder (kips)	Live Load Per Girder (kips)	Impact Reaction Per Girder (kips)	
Exterior Girder	30	58	19	10
Interior Girder	30	65	21	10

CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

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Kevin Ross
REGISTERED CIVIL ENGINEER
DATE: 01/06/17

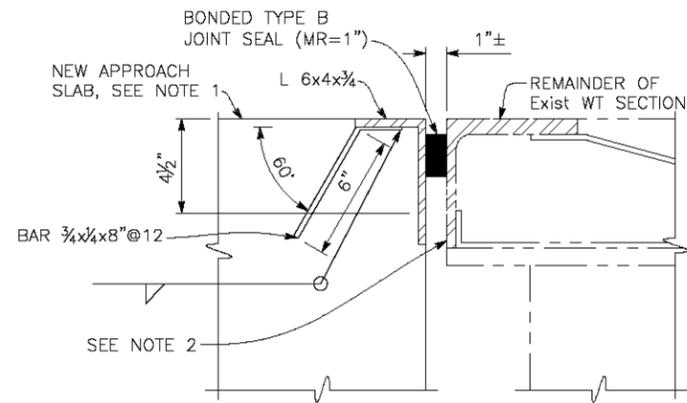
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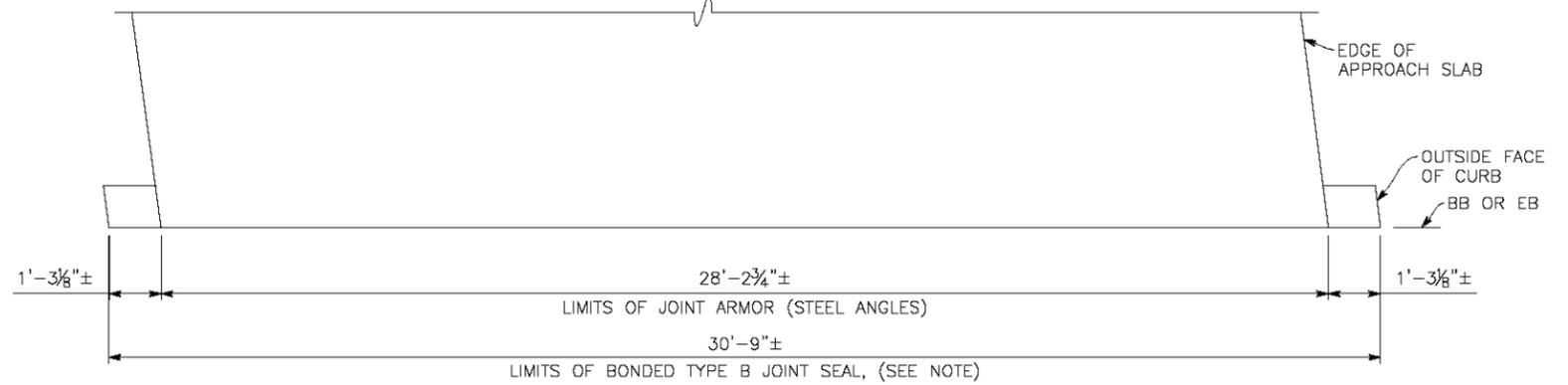
ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

SHEET
S-6
9 OF 14
W.D. No.



JOINT ARMOR DETAIL

3" = 1'-0"



LIMITS OF JOINT ARMOR & BONDED TYPE B JOINT SEAL

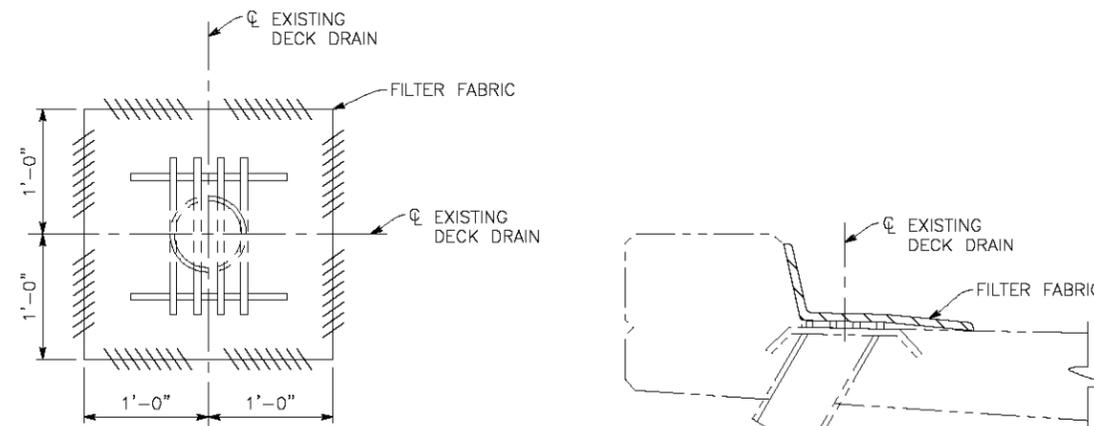
NO SCALE

LEGEND:

- Indicates Existing Bridge
- Indicates New Structure

NOTES:

1. For Approach Slab Details, see "STRUCTURE APPROACH SLAB DETAILS" sheet.
2. Sand blast exposed surface of steel section and apply zinc rich coating.



NOTE:
ATTACH FILTER FABRIC TO CONCRETE DECK AND CURB WITH DUCT TAPE OR AS AUTHORIZED BY THE ENGINEER. CONTRACTOR TO ENSURE DRAIN IS SEALED THROUGHOUT THE DURATION OF CONSTRUCTION.

PLAN

ELEVATION

DECK DRAIN COVER DETAIL

NO SCALE

**JOINT SEAL REPLACEMENT DETAILS
SCALE AS SHOWN**

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PREPARED UNDER THE SUPERVISION OF:
Kevin Ross
REGISTERED CIVIL ENGINEER

DATE: 01/06/17

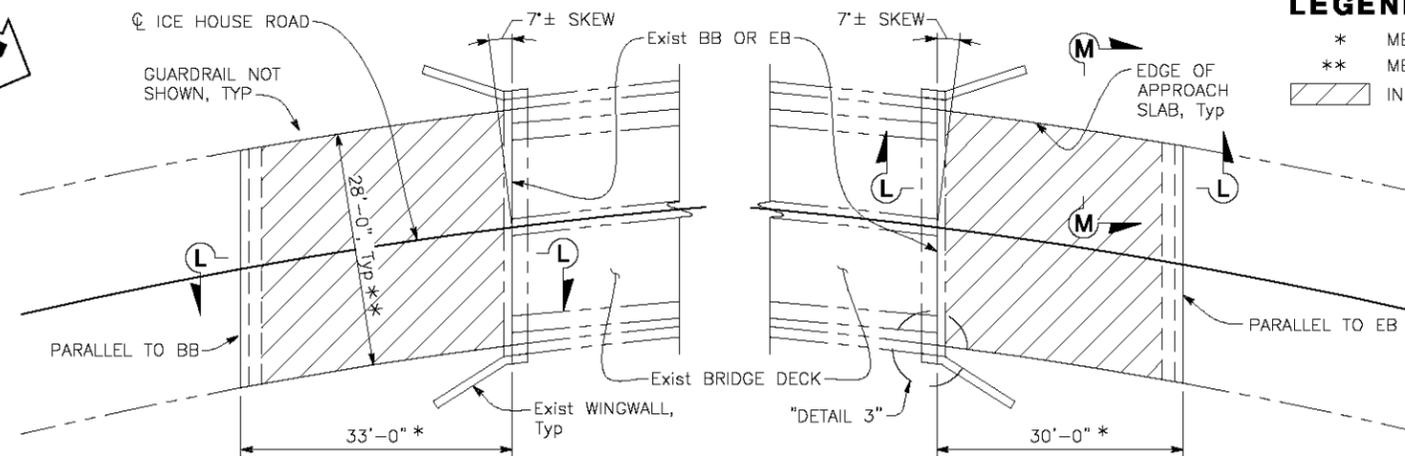
DESIGNED: G.X. DRAWN: A.H.
CHECKED: K.R. DATE: 01/06/17
ROAD NUMBER:



COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

SHEET
S-7
10 OF 14
W.C. No.



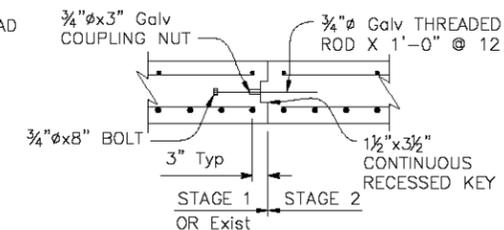
PLAN

1" = 10'

*

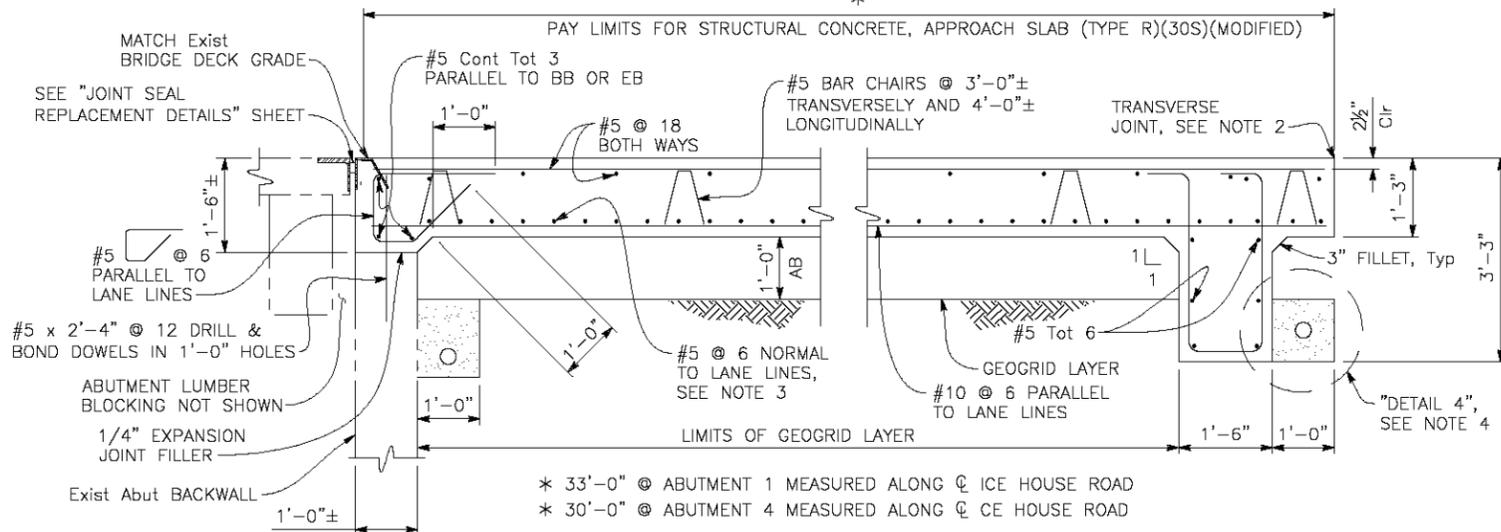
LEGEND:

- * MEASURED ALONG ϕ ICE HOUSE ROAD
- ** MEASURED PERPENDICULAR TO ϕ ICE HOUSE ROAD
- INDICATES LIMITS OF GEOGRID LAYER



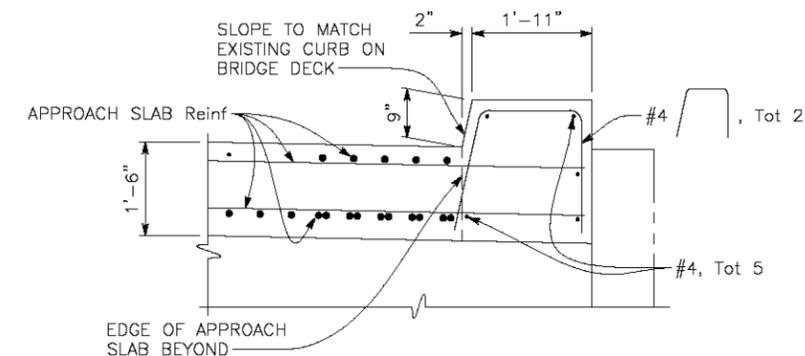
LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES DETAIL

NO SCALE



SECTION L-L

NO SCALE

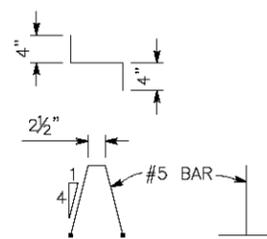


SECTION N-N

3/4" = 1'-0"

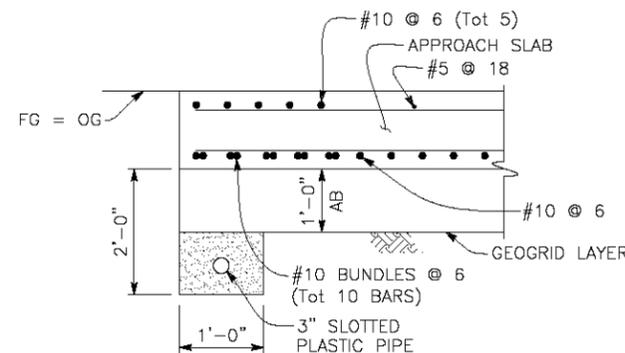
NOTES:

1. For Drainage Details, see "STRUCTURE APPROACH SLAB DRAINAGE DETAILS" sheet.
2. At the Contractor's option, approach slab transverse reinforcement may be placed parallel to BB or EB. Spacing of transverse reinforcement is measured along ϕ roadway.
3. Longitudinal construction joint must be located such that a minimum 11' lane is open to traffic during working hours. Full width of roadway must be opened during non working hours.
4. For "DETAIL 4", see "STRUCTURE APPROACH SLAB DRAINAGE DETAILS" sheet.



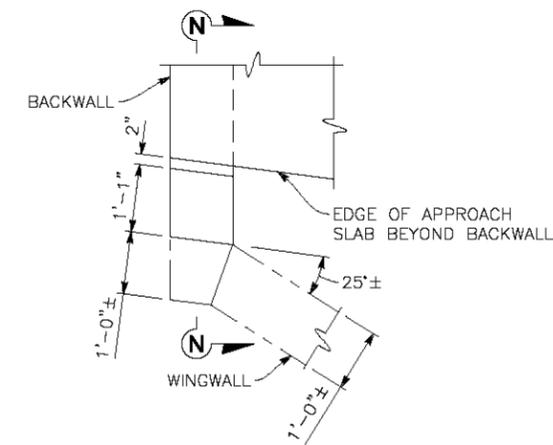
BAR CHAIR DETAIL

1" = 1'-0"



SECTION M-M

3/4" = 1'-0"



DETAIL 3 - PART PLAN

3/4" = 1'-0"

STRUCTURE APPROACH SLAB DETAILS SCALE AS SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
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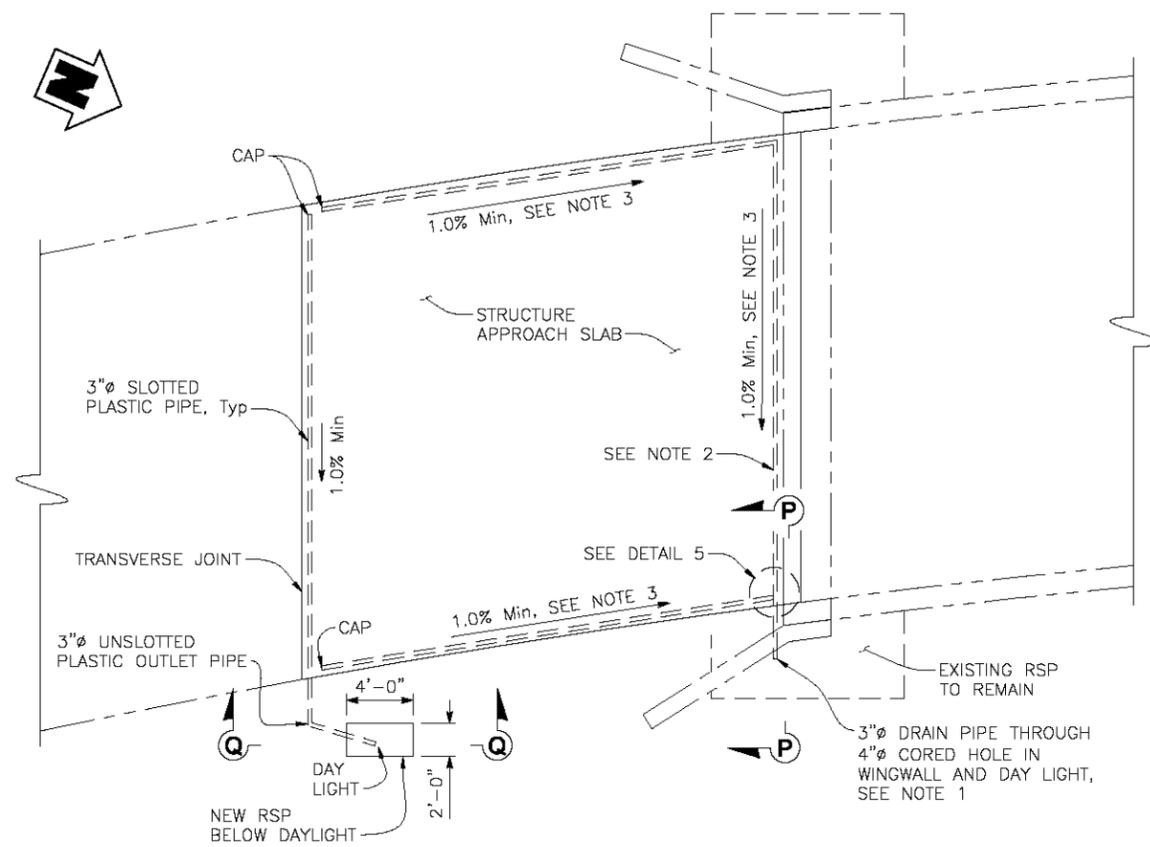
DESIGNED: G.X. DRAWN: A.H.
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**COUNTY OF EL DORADO
 COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION**

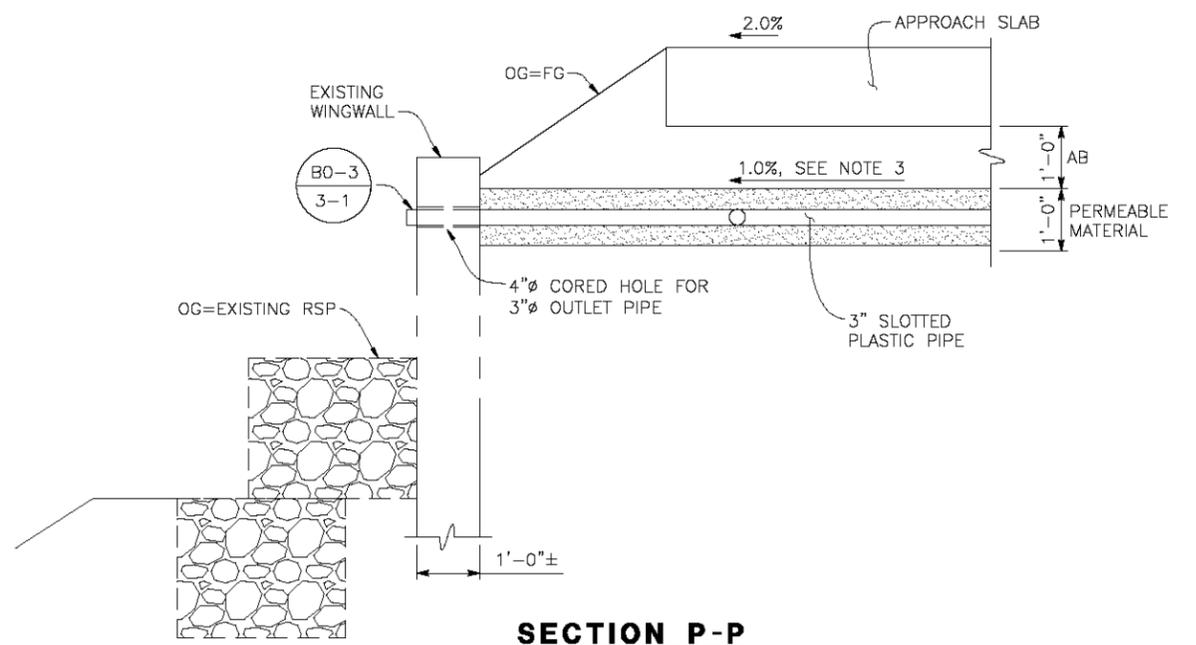
**ICE HOUSE ROAD AT JONES FORK SILVER
 CREEK BRIDGE MAINTENANCE (25C-0045)**

SHEET **S-8**
11 OF 14
 W.C. No.



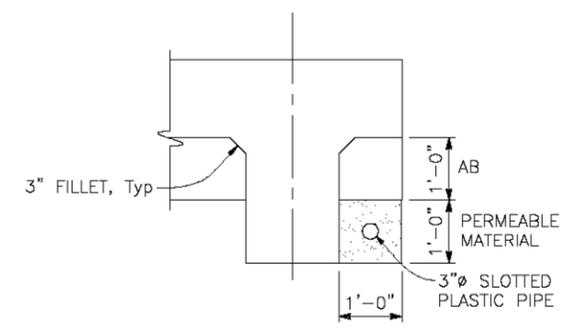
PLAN

1" = 10'
(ABUTMENT 1 SHOWN, ABUTMENT 4 SIMILAR)



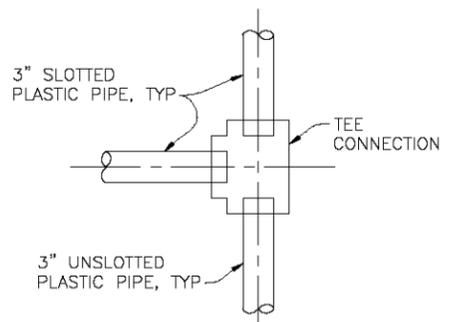
SECTION P-P

3/4" = 1'-0"



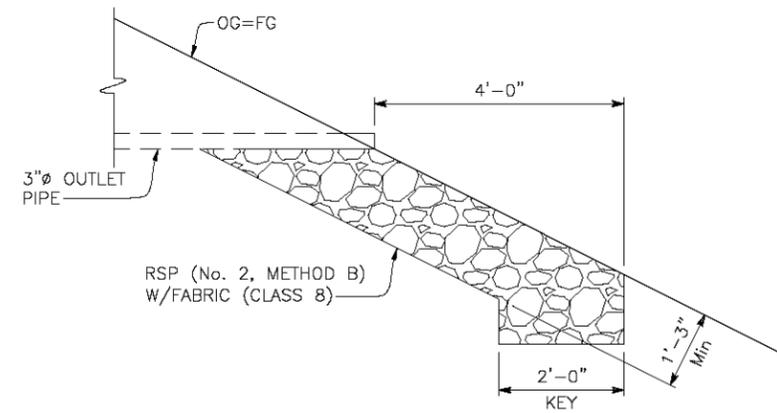
DETAIL 4

3/4" = 1'-0"



DETAIL 5

NO SCALE



SECTION Q-Q

3/4" = 1'-0"

NOTES:

1. Daylight drainpipe on lowside (East side) only. Adjust location as needed to miss guard rail post.
2. Splice drain pipe at construction joint.
3. Adjust slope as needed so that pipes match elevation at intersection.

**STRUCTURE APPROACH SLAB DRAINAGE DETAILS
SCALE AS SHOWN**

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

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REVISION	NUMBER	DATE	DESCRIPTION	BY



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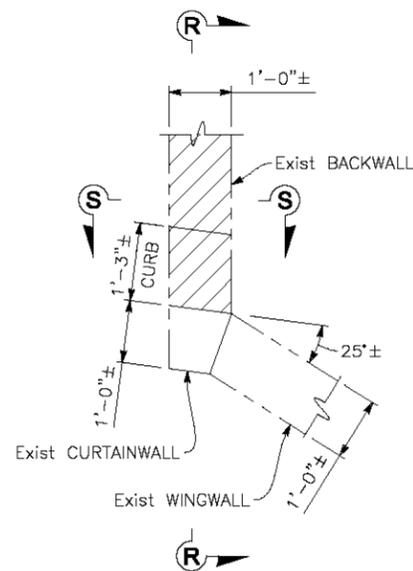
DESIGNED: G.X. DRAWN: A.H.
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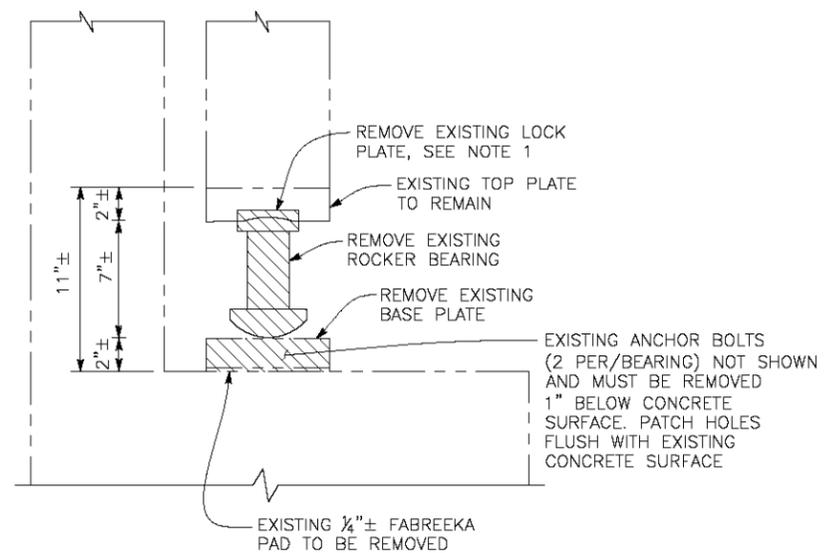
**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION**

**ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)**

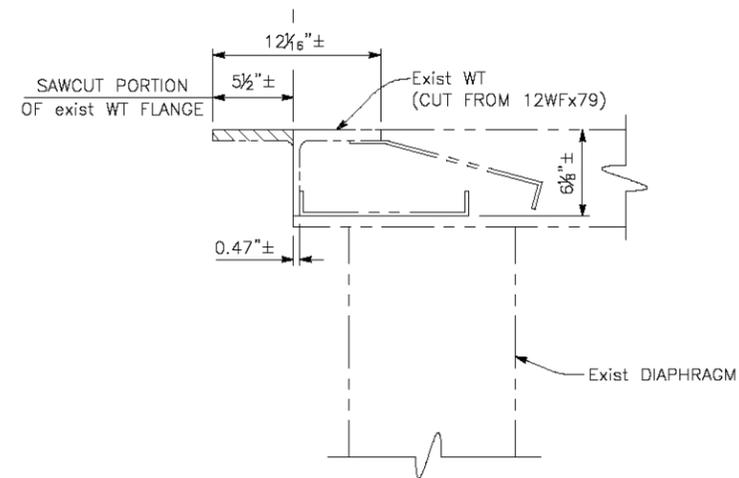
SHEET **S-9**
12 OF 14
W.C. No.



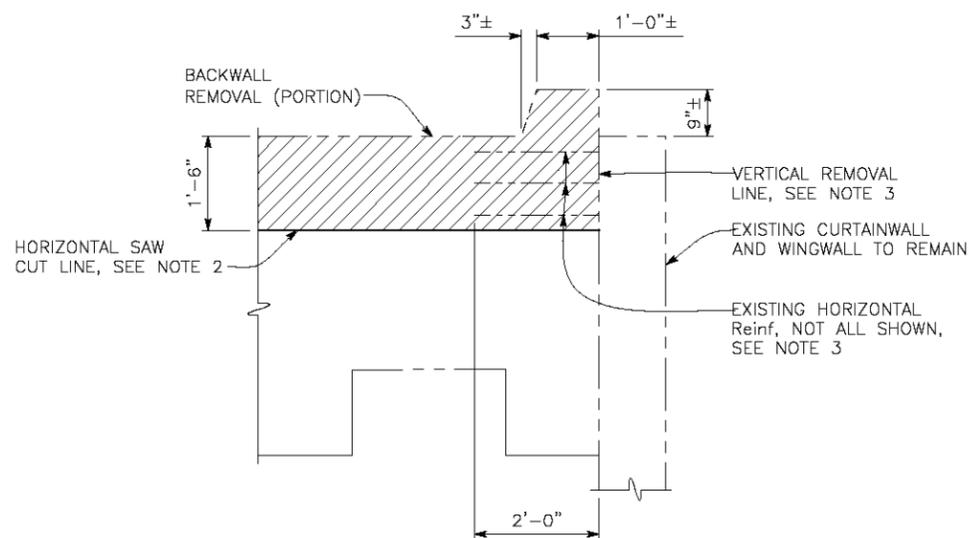
**BACKWALL REMOVAL
DETAIL-PART PLAN**
3/4" = 1'-0"



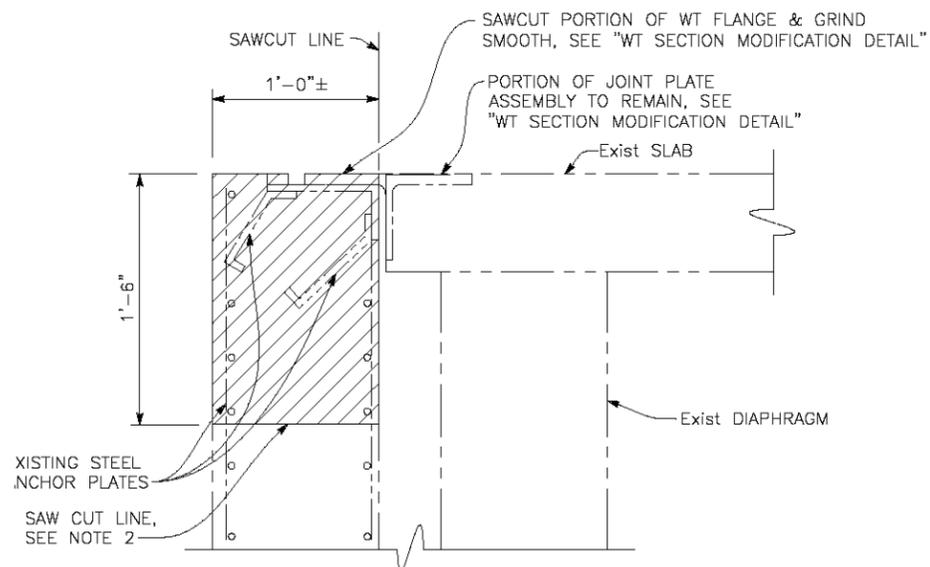
BEARING REMOVAL DETAIL
1" = 5'



WT SECTION MODIFICATION DETAIL
NO SCALE



SECTION R-R
3/4" = 1'-0"



SECTION S-S
2" = 1'-0"

LEGEND:

- Indicates Existing Bridge
- Indicates removal of concrete (portion) with portion of reinforcing steel to remain, see Note 3
- Indicates removal of Existing Lock Plate, Existing Rocker Bearing, Existing Base Plate, Existing Fabreeka Pad and portion of Existing WT Flange

NOTES:

1. Lock plate is welded to existing top plate. Flame cutting is not allowed.
2. Remove existing rebar one inch from cut surface and fill the hole with grout.
3. A minimum of 2'-0" existing horizontal reinforcement to remain beyond vertical removal line.

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

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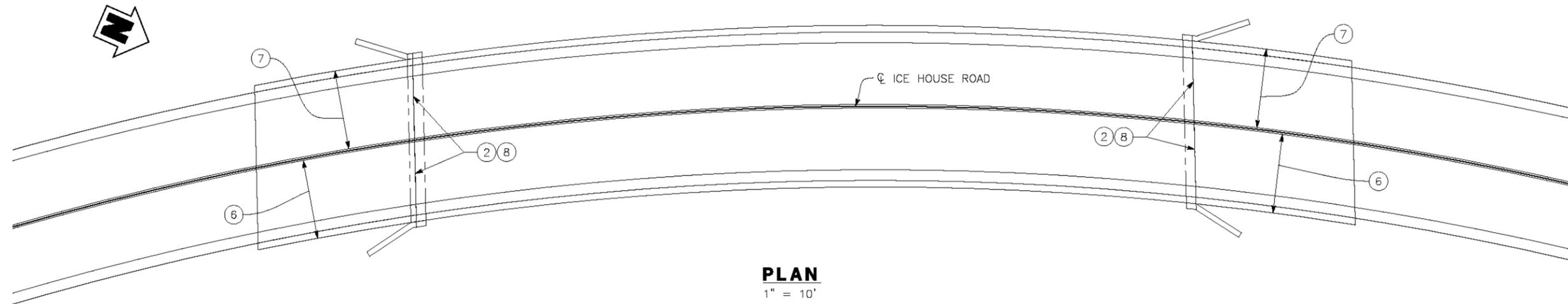
DESIGNED: G.X. A.H.
DRAWN: A.H.
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COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
TRANSPORTATION DIVISION

ICE HOUSE ROAD AT JONES FORK SILVER
CREEK BRIDGE MAINTENANCE (25C-0045)

SHEET
S-10
13 OF 14
W.C. No.



PLAN
1" = 10'

JACKING CONSTRUCTION SEQUENCE:

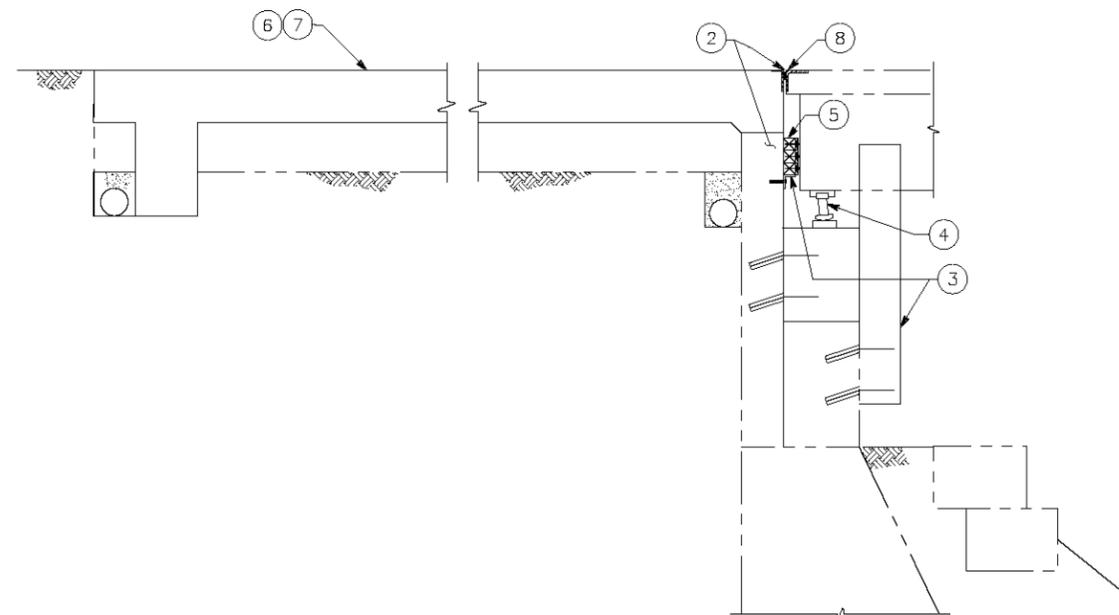
- ① As a first order of work, refer to Sections 48-3 and 48-4 of the contract documents for submittal requirements.
- ② Remove (saw cut) Joint Plate Assembly (half flange of WT section and Steel Anchor Plates) and Concrete Backwall, then provide temporary decking over gap created by removing the concrete and portion of Joint Plate Assembly.
- ③ Construct existing pedestal modifications including installing steel brackets.
- ④ Jack superstructure, remove existing bearings, install precast concrete block, place new elastomeric bearing, and remove jacking system.
- ⑤ Place abutment lumber blocking prior to constructing approach slabs.
- ⑥ Remove existing pavement and base material to limits shown, place geogrid layer at the bottom of excavation, place new aggregate base, compact and place portion of drainage system and construct one lane of approach slab and backwall.
- ⑦ Remove existing pavement in second lane and base material to limits shown, place geogrid at the bottom of excavation, place new aggregate base, compact and place remaining portion of drainage system, mechanically connect approach slab reinforcement to adjacent lane and construct remainder of approach slab and backwall.
- ⑧ Place bonded Type B Joint Seal.
- ⑨ Open to traffic.

NOTE:

1. One way traffic using flaggers is acceptable during work hours. Two way traffic must be open before and after working hours. Refer to the Temporary Traffic Control section of these Special Provisions and the Standard Specifications. All work must be completed in day shift and all lanes must be open to traffic every evening.

LEGEND:

- Indicates Existing Bridge
- Indicates New Structure



TYPICAL SECTION

3/4" = 1'-0"
ABUTMENT 1 SHOWN, ABUTMENT 4 SIMILAR

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

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**JACKING CONSTRUCTION SEQUENCE
SCALE AS SHOWN**

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">REVISION</th> <th style="width: 10%;">NUMBER</th> <th style="width: 10%;">DATE</th> <th style="width: 40%;">DESCRIPTION</th> <th style="width: 10%;">BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISION	NUMBER	DATE	DESCRIPTION	BY																						PREPARED UNDER THE SUPERVISION OF: REGISTERED CIVIL ENGINEER DATE: 01/06/17	DESIGNED: G.X. DRAWN: A.H. CHECKED: K.R. DATE: 01/06/17 ROAD NUMBER:	<p>COUNTY OF EL DORADO COMMUNITY DEVELOPMENT AGENCY TRANSPORTATION DIVISION</p>	<p>ICE HOUSE ROAD AT JONES FORK SILVER CREEK BRIDGE MAINTENANCE (25C-0045)</p>	SHEET S-11 14 OF 14 <small>W.C. No.</small>
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