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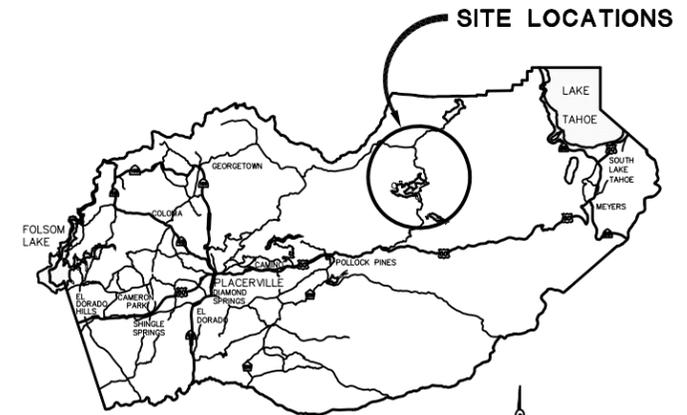
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6	L-5	GENERAL PLAN No. 5

DEPARTMENT OF TRANSPORTATION COUNTY OF EL DORADO, CA

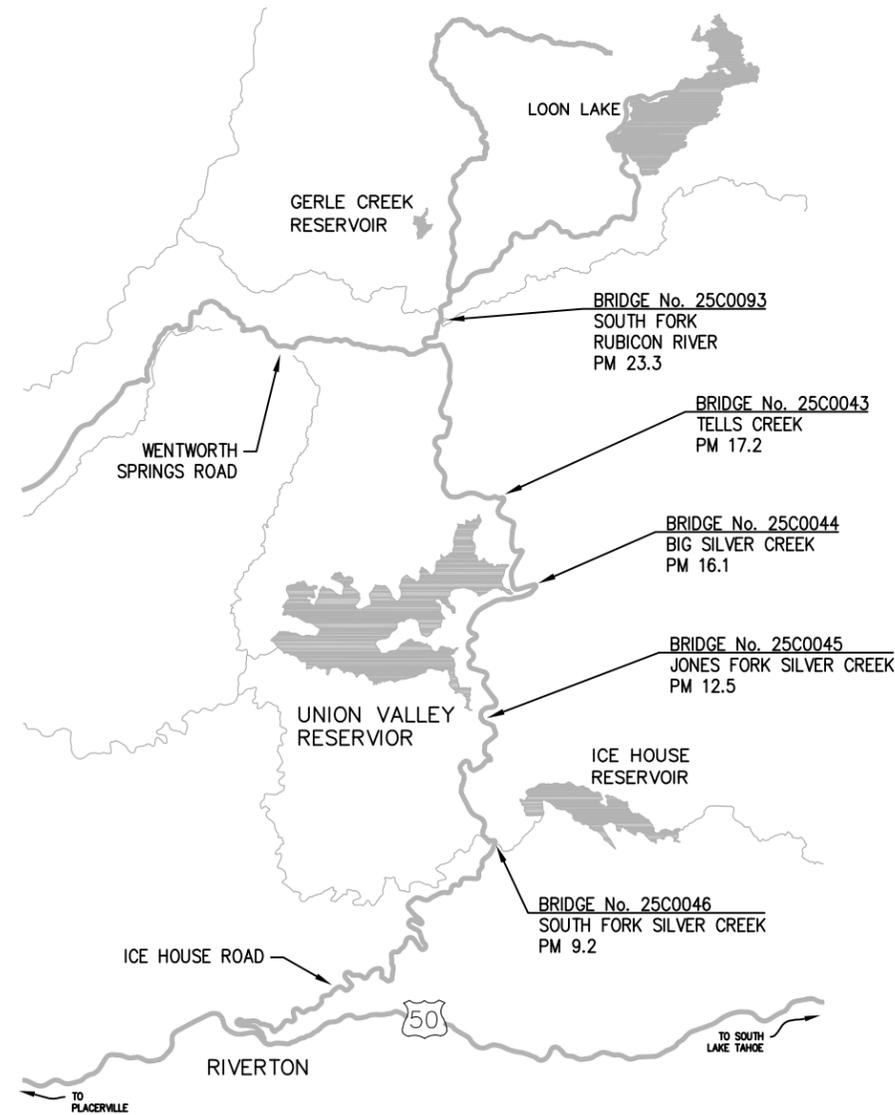
PROJECT PLANS FOR THE CONSTRUCTION OF ICE HOUSE ROAD BRIDGES MAINTENANCE

IN THE COUNTY OF EL DORADO, DISTRICT 4
AT VARIOUS LOCATIONS

To be supplemented with Standard Plans and Specifications dated May 2006, including the amendments to the May 2006 Standard Specifications, updated August 15, 2008, of the California Department of Transportation, unless otherwise noted.



VICINITY MAP
COUNTY OF EL DORADO



LOCATION MAP
NOT TO 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 for an award of the Contract shall constitute a failure to execute the Contract, and forfeiture as provided under that section.

REVISIONS

MARK	DATE	BY

BOARD OF SUPERVISORS

I	JOHN R. KNIGHT
II	RAYMOND J. NUTTING
III	JAMES R. SWEENEY
IV	RON BRIGGS
V	NORMA SANTIAGO

**COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION**

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

ADOPTED AND APPROVED BY:

DATE	
DATE	
DATE	

RAYMOND J. NUTTING
CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS

APPROVED BY:

JAMES W. WARE, P.E., NO. C61036
DIRECTOR, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

MATTHEW D. SMELTZER, P.E., NO. C56832
DEPUTY DIRECTOR OF ENGINEERING, EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION

PW No. 09-30469 CONTRACT No. 77121
FEDERAL AID PROJECT: BRLO 5925 (064)

**ICE HOUSE ROAD BRIDGES
MAINTENANCE PROJECT**

TITLE SHEET

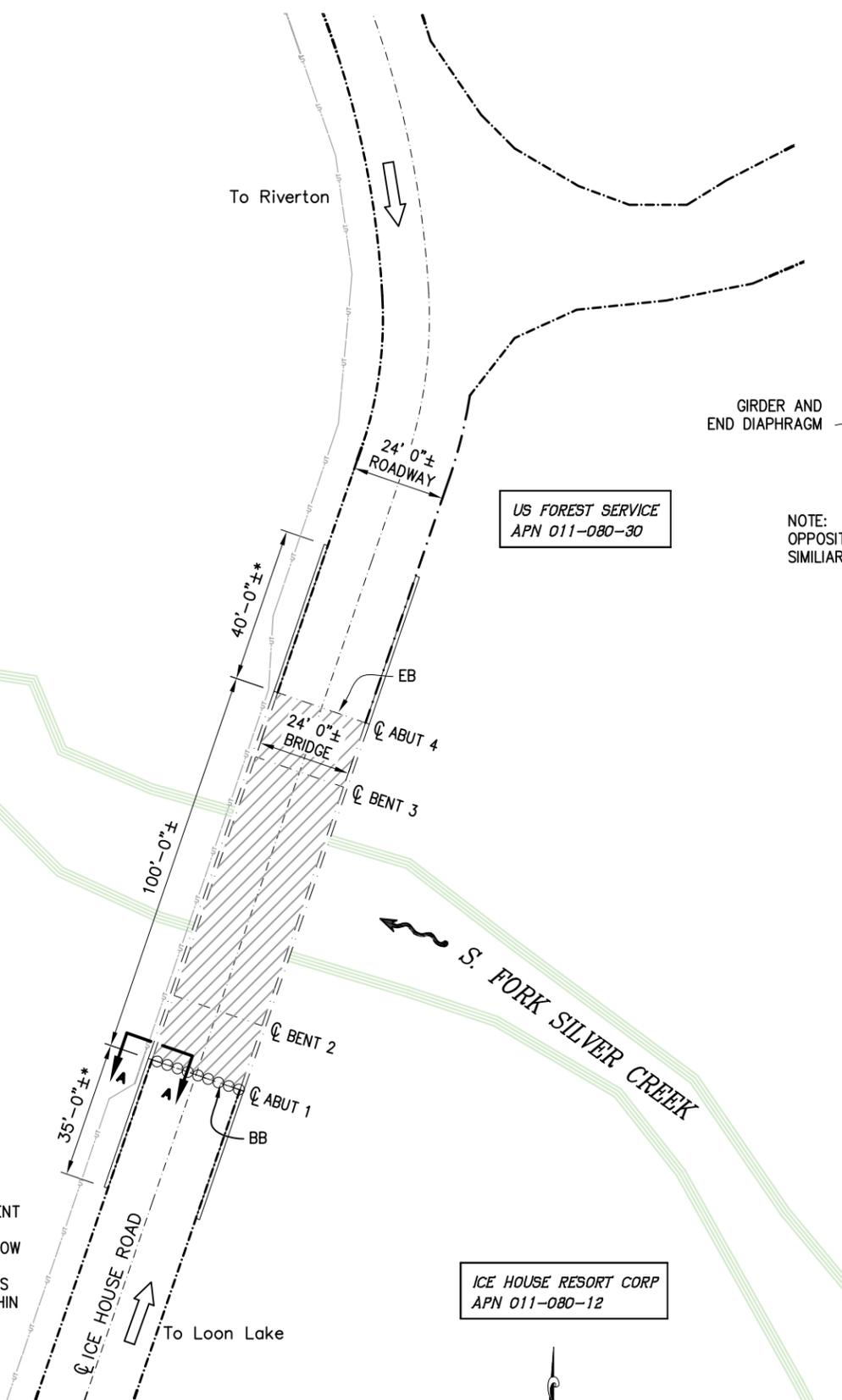
SHEET 1 OF 6



[Signature]
DUSTIN W. HARRINGTON
CIVIL ENGINEER
STATE OF CALIFORNIA No. C71517

3/7/11
DATE

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D\Projects\77121 Ice House Bridges Maintenance\CADD Files\Sheets\L-1.dwg Layout Tab: L-1 Mar 03 2011 11:45am Dharrington
 FOR REDUCED PLANS



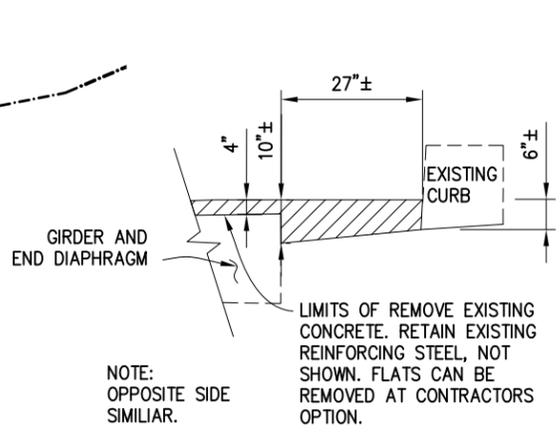
US FOREST SERVICE
 APN 011-080-30

ICE HOUSE RESORT CORP
 APN 011-080-12

SOUTH FORK SILVER CREEK
 BR. No. 25C0046, PM 9.2
 SCALE: 1:20

* INDICATES APPROXIMATE LENGTH OF APPROACH ROADWAY REPLACEMENT WORK TO BE PERFORMED BY OTHERS AFTER BRIDGE WORK.

NOTE: EXCEPT FOR THE PLACEMENT OF SIGNS AND ACTIVITIES TO CONTAIN ANY DEBRIS FALLING BELOW THE BRIDGE, CONTRACTOR SHALL LIMIT ALL CONSTRUCTION ACTIVITIES AND STAGING OPERATIONS TO WITHIN THE EXISTING PAVED ROADWAY OF ICE HOUSE ROAD.



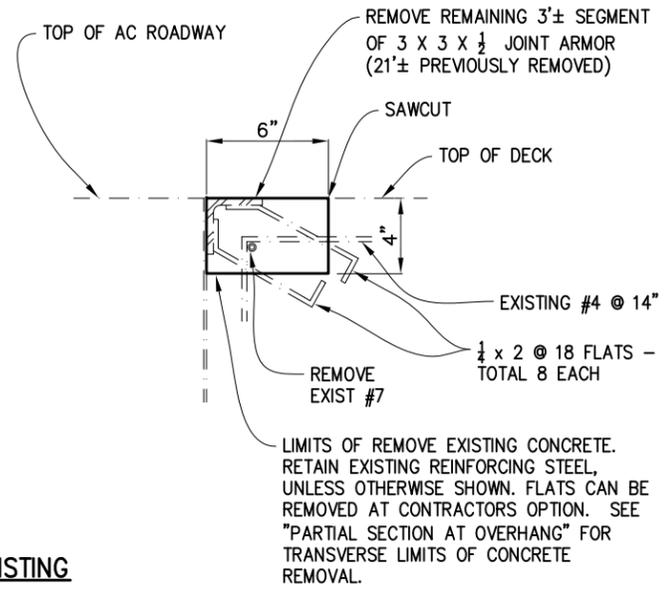
**SECTION A-A:
 PARTIAL SECTION
 AT OVERHANG**

NOTE:
 OPPOSITE SIDE
 SIMILIAR.

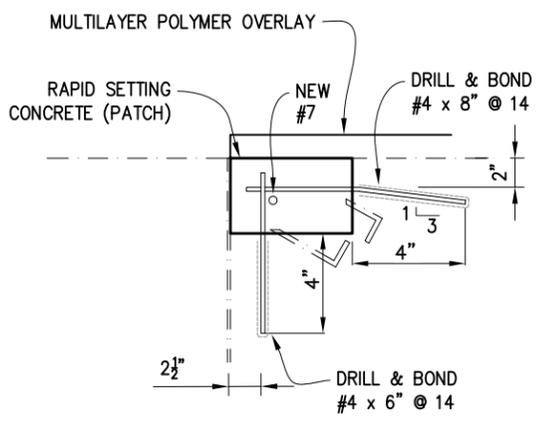
LIMITS OF REMOVE EXISTING CONCRETE. RETAIN EXISTING REINFORCING STEEL, NOT SHOWN. FLATS CAN BE REMOVED AT CONTRACTORS OPTION.

EXISTING

CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIAL.



LIMITS OF REMOVE EXISTING CONCRETE. RETAIN EXISTING REINFORCING STEEL, UNLESS OTHERWISE SHOWN. FLATS CAN BE REMOVED AT CONTRACTORS OPTION. SEE "PARTIAL SECTION AT OVERHANG" FOR TRANSVERSE LIMITS OF CONCRETE REMOVAL.



RECONSTRUCTION

NOTE:
 PLACE DRILL AND BOND DOWELS MIDWAY BETWEEN EXISTING #4 BARS. EXISTING REINFORCEMENT NOT SHOWN FOR CLARITY.

1 SECTION AT JOINT
 ABUT 1 - NTS

- EXISTING
- ⊖ INDICATES LIMITS OF REPAIR JOINT. REMOVE EXISTING ARMORED JOINT AND CONSTRUCT NEW JOINT. SEE 1
- ▨ LIMITS OF PREPARE DECK AND PLACE MULTILAYER POLYMER OVERLAY (CURB-TO-CURB, FULL WIDTH).
- APPROXIMATE LOCATION OF AT&T DIRECT BURY LINE

QUANTITIES

PREPARE CONCRETE BRIDGE DECK SURFACE	2,400 SQFT
MULTILAYER POLYMER OVERLAY	2,400 SQFT
REPAIR JOINT (LOCATION "A" BRIDGE 25C0046)	24 LF



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 3/7/11

DESIGNED: DH
 DRAWN: DH
 CHECKED: RC
 DATE: 5/20/10
 ROAD NUMBER: 147



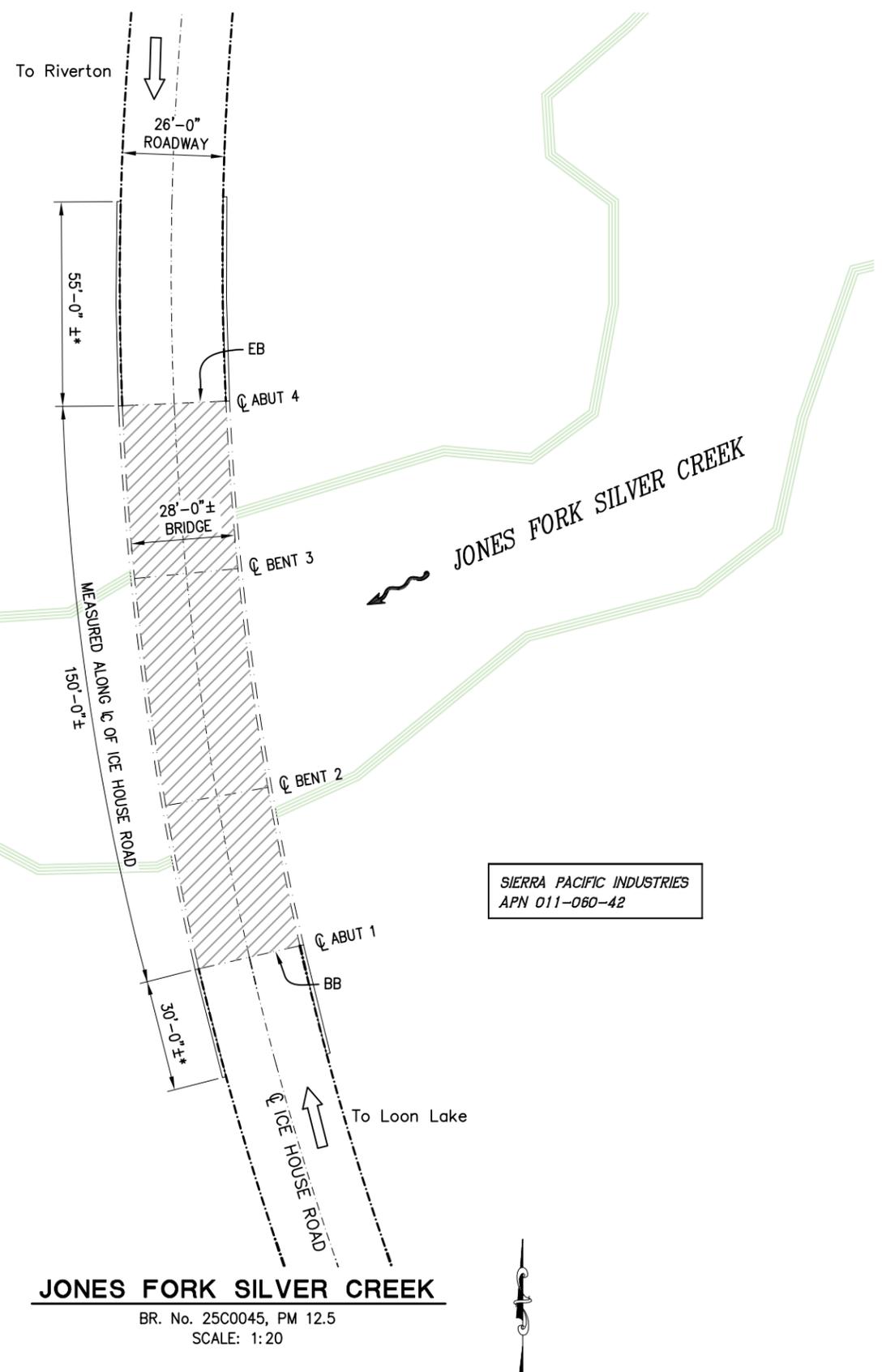
EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

**ICE HOUSE ROAD BRIDGES
 MAINTENANCE PROJECT**

GENERAL PLAN No. 1

SHEET
L-1
 2 OF 6
 W.O. No. 77121

ORIGINAL SCALE IS IN INCHES
 Drawing name: C:\Civil 3D\Projects\77121 Ice House Bridges Maintenance\CADD Files\Sheets\L-2.dwg Layout Tab: L-2 Mar 03 2011 11:49am Dharrington
 FOR REDUCED PLANS



SIERRA PACIFIC INDUSTRIES
 APN 011-060-42

* INDICATES APPROXIMATE LENGTH OF APPROACH ROADWAY REPLACEMENT WORK TO BE PERFORMED BY OTHERS AFTER BRIDGE WORK.

NOTE: EXCEPT FOR THE PLACEMENT OF SIGNS AND ACTIVITIES TO CONTAIN ANY DEBRIS FALLING BELOW THE BRIDGE, CONTRACTOR SHALL LIMIT ALL CONSTRUCTION ACTIVITIES AND STAGING OPERATIONS TO WITHIN THE EXISTING PAVED ROADWAY OF ICE HOUSE ROAD.

JONES FORK SILVER CREEK
 BR. No. 25C0045, PM 12.5
 SCALE: 1:20

CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIAL.

--- INDICATES EXISTING
 [Hatched Box] INDICATES LIMITS OF PREPARE DECK AND PLACE MULTILAYER POLYMER OVERLAY (CURB-TO-CURB, FULL WIDTH).

QUANTITIES

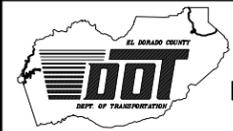
PREPARE CONCRETE BRIDGE DECK SURFACE	4,200 SQFT
MULTILAYER POLYMER OVERLAY	4,200 SQFT

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 3/7/11

DESIGNED: DH
 DRAWN: DH
 CHECKED: RC
 DATE: 5/03/10
 ROAD NUMBER: 147



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

ICE HOUSE ROAD BRIDGES
 MAINTENANCE PROJECT

GENERAL PLAN No. 2

SHEET
L-2
 3 OF 6
 W.O. No. 77121

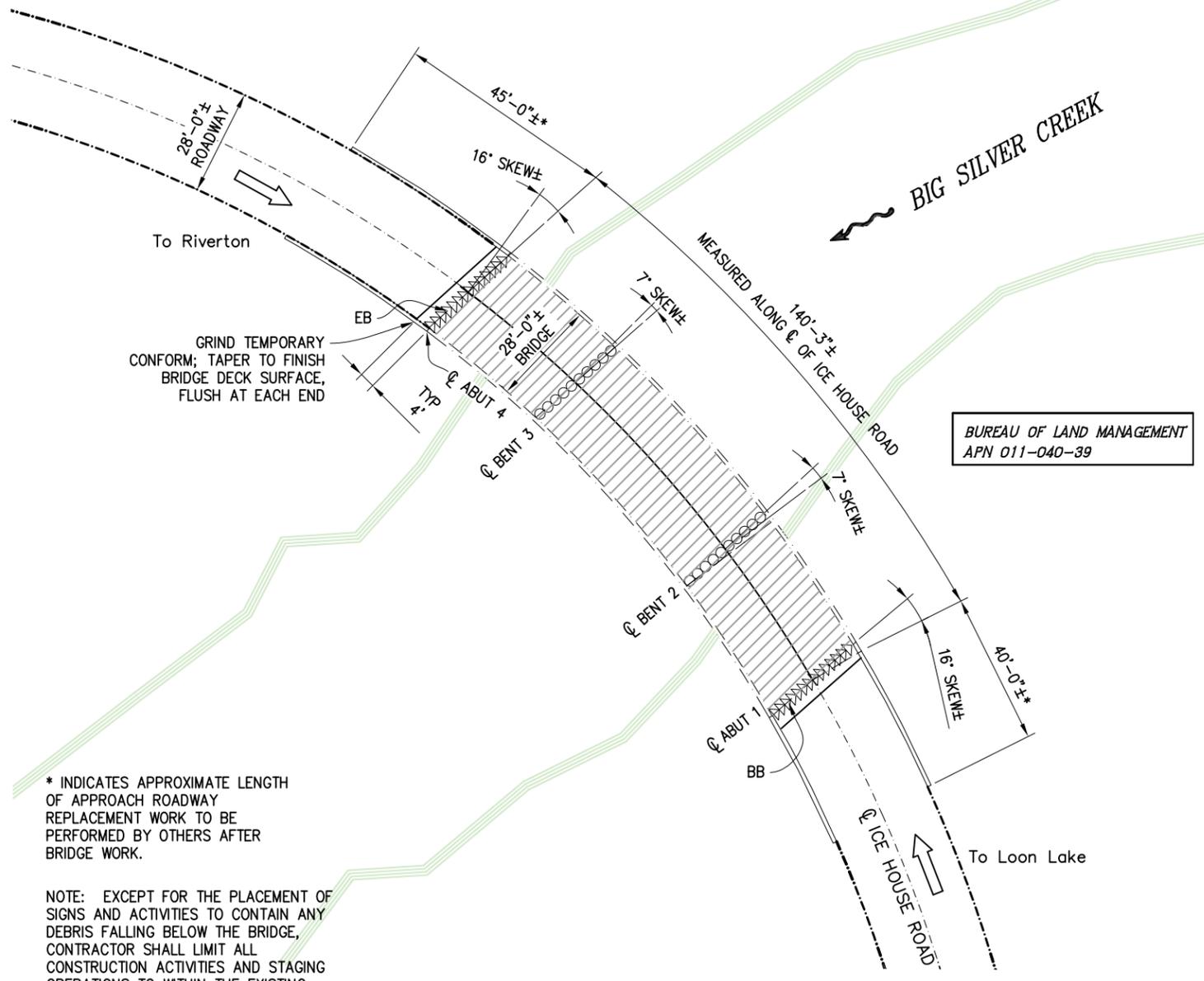
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 Layout: Tab: L-3 Mar 03, 2011 1:24pm Dharrington
 FOR REDUCED PLANS

- EXISTING
- INDICATES LIMITS OF REPAIR JOINT, REMOVE PORTION OF EXISTING JOINT SEAL ASSEMBLY, CLEAN JOINT 10 1/2" DEEP, AND INSTALL NEW JOINT SEAL (TYPE A) SEE (1)
- ||||| INDICATES LIMITS OF REMOVE EXISTING JOINT SEAL, CLEAN EXISTING JOINT 10 1/2" DEEP, AND INSTALL NEW JOINT SEAL (TYPE A), SEE (2)
- ▨ LIMITS OF REMOVE AC SURFACING, PREPARE DECK, AND PLACE 3/4" POLYESTER CONCRETE OVERLAY (CURB-TO-CURB, FULL WIDTH).

CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIAL.

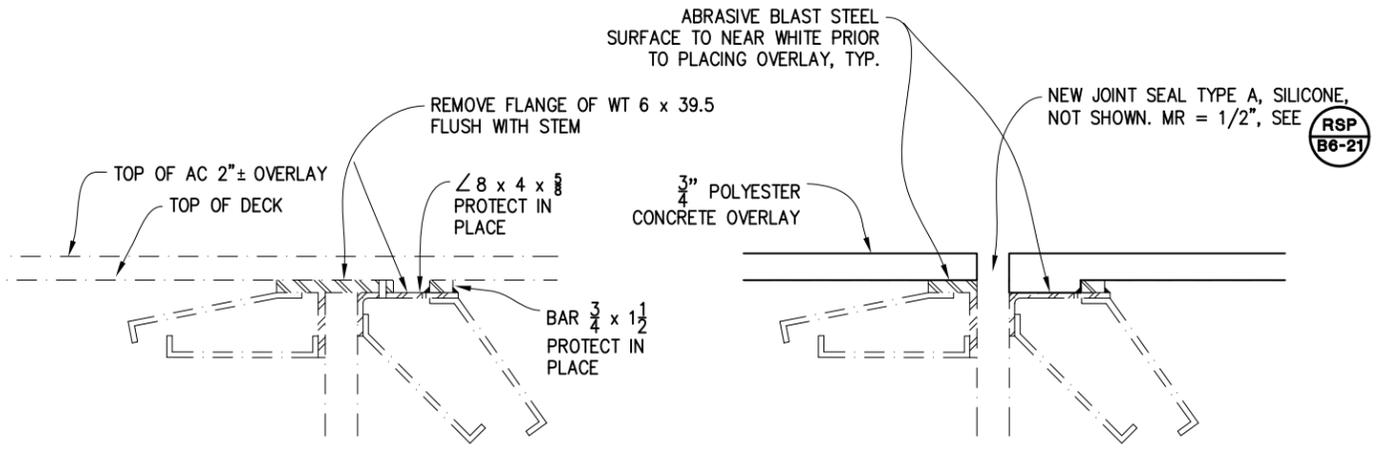
QUANTITIES

REMOVE ASPHALT CONCRETE SURFACING	4,040 SQFT
PLACE POLYESTER CONCRETE OVERLAY	3,927 SQFT
FURNISH POLYESTER CONCRETE OVERLAY	295 CF
PREPARE CONCRETE BRIDGE DECK SURFACE	3,927 SQFT
JOINT SEAL (MR=1/2")	117 LF
CLEAN EXPANSION JOINT	115 LF
REPAIR JOINT (LOCATION "B" BRIDGE 25C0044)	57 LF

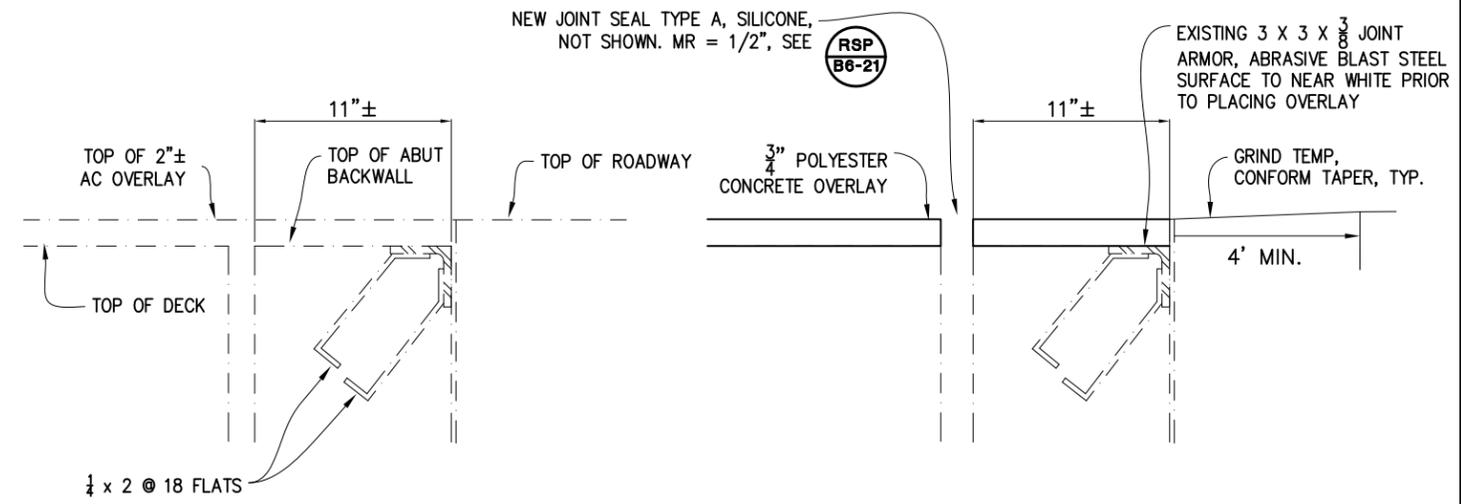


BUREAU OF LAND MANAGEMENT
 APN 011-040-39

BIG SILVER CREEK
 BR. No. 25C0044, PM 16.1
 SCALE: 1:20



SECTION 1
 SECTION AT JOINT
 BENTS 2 & 3 - NTS



SECTION 2
 SECTION AT JOINT
 ABUT 1 & 4 - NTS

GENERAL PLAN No. 3



PREPARED UNDER THE SUPERVISION OF:
 [Signature]
 REGISTERED CIVIL ENGINEER
 DATE: 3/7/11

DESIGNED: DH	DRAWN: DH
CHECKED: RC	DATE: 5/03/10
ROAD NUMBER: 147	



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

ICE HOUSE ROAD BRIDGES
 MAINTENANCE PROJECT

SHEET
L-3
 4 OF 6
 W.O. No. 77121

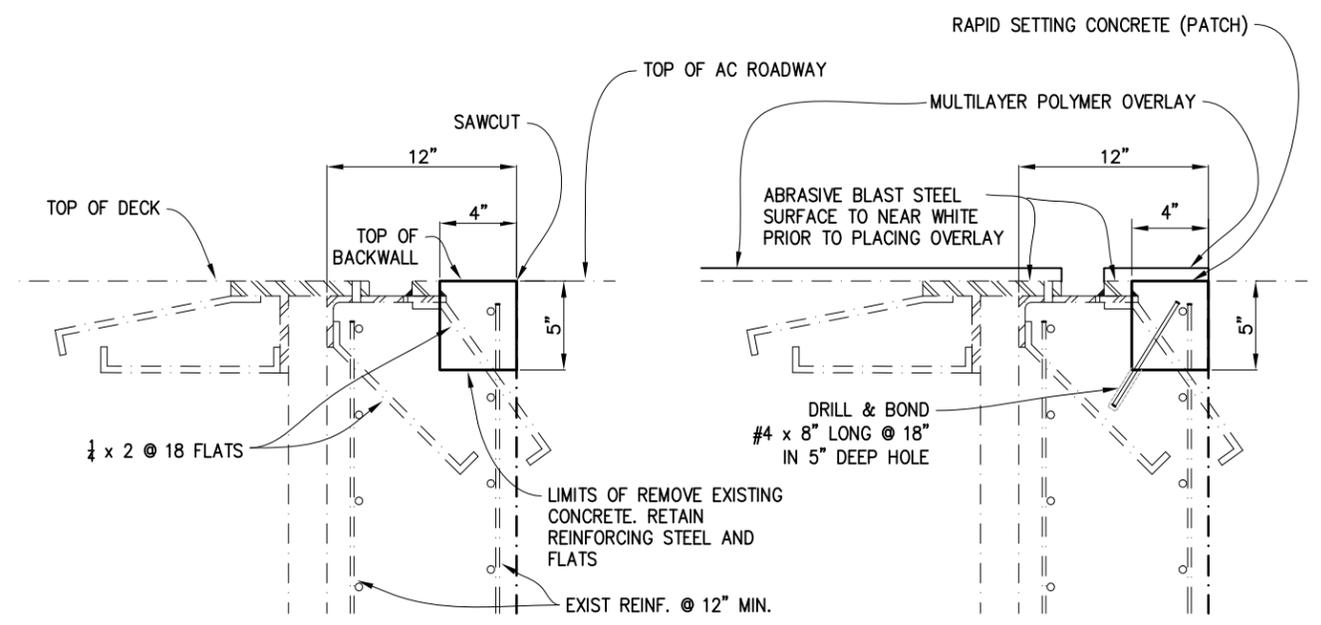
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 Layout Tab: L-4 Mar 03, 2011 1:26pm Dharrington
 FOR REDUCED PLANS

- EXISTING
- ⊖ INDICATES LIMITS OF REPAIR JOINT. SEE (1)
- ▨ LIMITS OF DECK REPAIR. SEE (2)
- ▨ EXACT LOCATION TO BE DETERMINED BY THE ENGINEER
- ▨ LIMITS OF PREPARE DECK AND PLACE MULTILAYER POLYMER OVERLAY (CURB-TO-CURB, FULL WIDTH).
- ⊖ INDICATES LIMITS OF REMOVE EXISTING JOINT SEAL, CLEAN JOINT 10 1/2" DEEP AND INSTALL NEW JOINT SEAL (TYPE A), SILICONE, MR = 1/2" SEE (RSP B6-21)

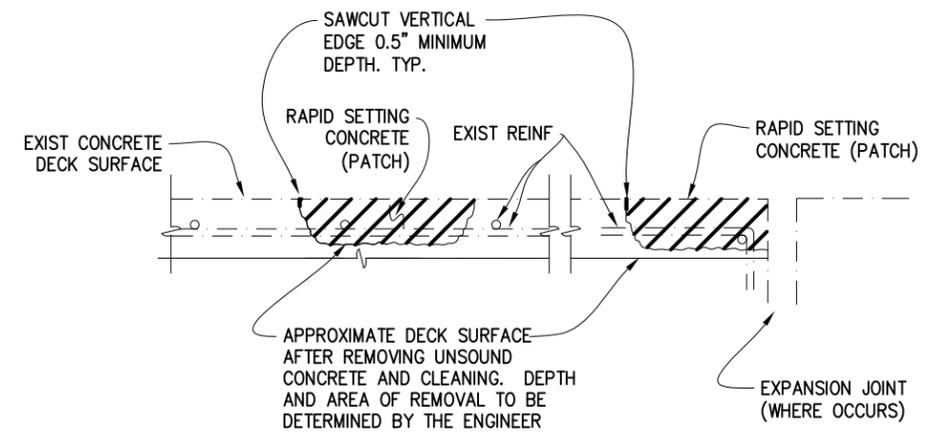
CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS PRIOR TO ORDERING OR FABRICATING ANY MATERIAL.

QUANTITIES

REMOVE UNSOUND CONCRETE	113	CF
RAPID SETTING CONCRETE (PATCH)	113	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	5,400	SQFT
MULTILAYER POLYMER OVERLAY	5,400	SQFT
JOINT SEAL (MR=1/2")	61	LF
CLEAN EXPANSION JOINT	61	LF
REPAIR JOINT (LOCATION "C" BRIDGE 25C0043)	63	LF

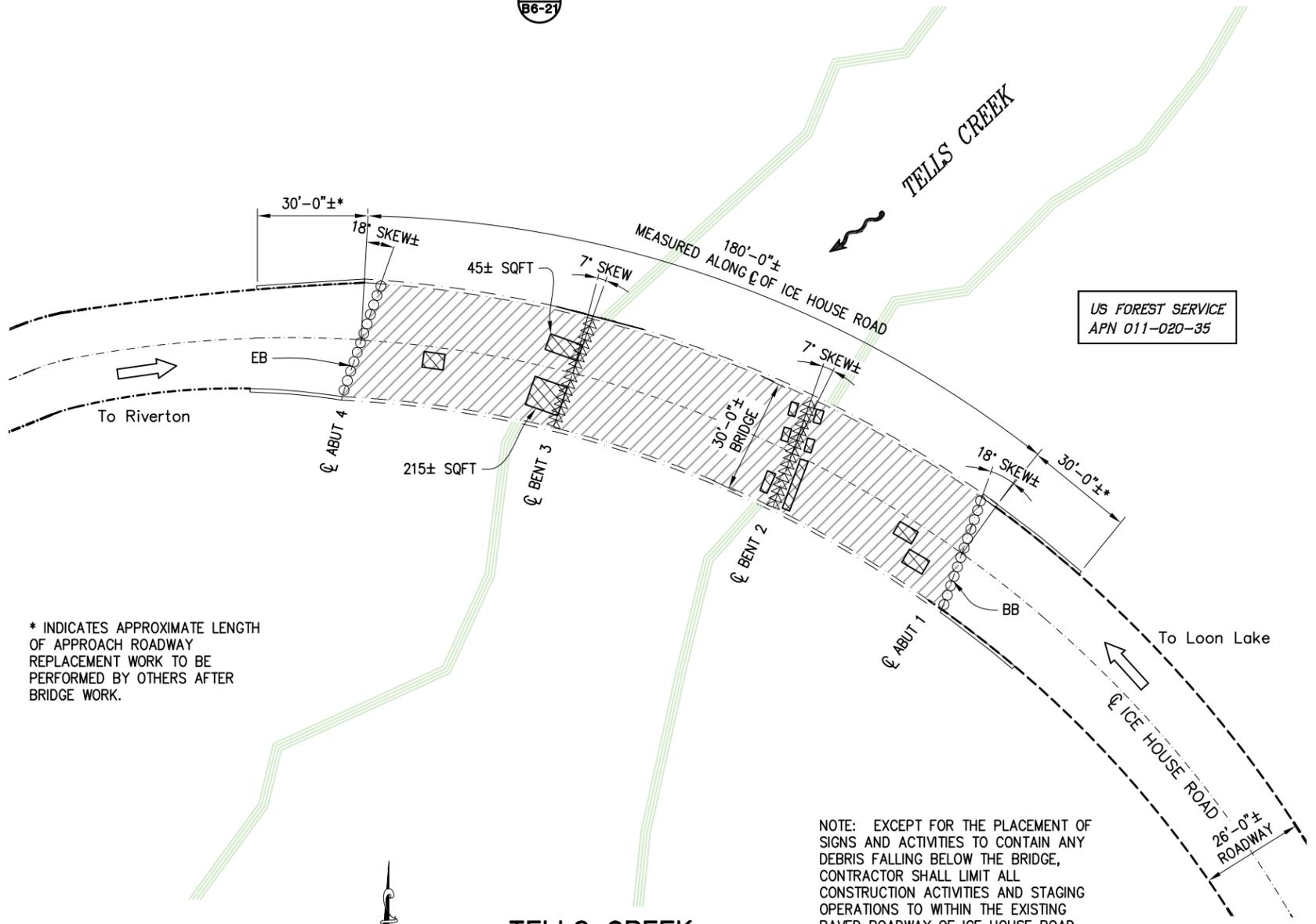


1 SECTION AT BACKWALL
 ABUT 1 & 4 - NTS



2 DECK REPAIR DETAIL
 NTS

NOTE: REINFORCEMENT MAY BE ENCOUNTERED DURING DECK CONCRETE REMOVAL



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TELLS CREEK
 BR. No. 25C0043, PM 17.2
 SCALE: 1:20

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:
 REGISTERED CIVIL ENGINEER
 DATE: 3/7/11

DESIGNED: DH
 DRAWN: DH
 CHECKED: RC
 DATE: 5/03/10
 ROAD NUMBER: 147



EL DORADO COUNTY
 DEPARTMENT OF TRANSPORTATION

ICE HOUSE ROAD BRIDGES
 MAINTENANCE PROJECT

GENERAL PLAN No. 4

SHEET
L-4
 5 OF 6
 W.O. No. 77121

