

ESTIMATE OF QUANTITIES

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	ESTIMATE UNIT	Honolulu Creek Bridge #259	Little Cool Creek Bridge #262	Nenana River Bridge at Park Boundary #694	Nenana River Bridge at Park Station #1147	Nenana River Bridge at Windy #1243	TOTAL QUANTITY
202(1)	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
205(1)	EXCAVATION FOR STRUCTURES	CY		140	-	158	115	209	622
205(5)	APPROACH FILL	LS		ALL REQ'D	-	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
401(1)	ASPHALT CONCRETE, TYPE II, CLASS A	TON		150	60	150	150	150	660
401(2)	ASPHALT CEMENT, GRADE 58-28	TON		8	4	8	8	8	36
501(1)	CLASS A CONCRETE	LS	CY	69	-	72	95	65	ALL REQ'D
501(7)	PRECAST CONCRETE MEMBER (13'-7 1/2" x 6" DECK PANELS)	EA		-	16	-	-	-	16
501(9)	DRILL & BOND DOWELS	EA		196	16	308	839	286	1645
501(10)	CORING CONCRETE	LS	LF	66	-	-	252	-	ALL REQ'D
501(11A)	EXPANSION JOINT REPLACEMENT (ELASTOMERIC COMPRESSION SEAL)	LS	LF	-	170	-	-	-	ALL REQ'D
501(11B)	EXPANSION JOINT REPLACEMENT (STRIP SEAL)	LS	LF	-	-	71	48	99	ALL REQ'D
501(11C)	EXPANSION JOINT REPLACEMENT (POURABLE JOINT SEAL)	LS	LF	44	-	-	-	-	ALL REQ'D
502(1)	POST-TENSIONING (CAST-IN-PLACE CONCRETE)	LS	EA	24	-	-	84	-	ALL REQ'D
503(1)	REINFORCING STEEL	LS	LB	2277	-	3074	14845	2130	ALL REQ'D
503(2)	EPOXY-COATED REINFORCING STEEL	LS	LB	16563	1862	14807	10780	15392	ALL REQ'D
504(1)	STRUCTURAL STEEL	LS	LB	1284	-	6044	11200	-	ALL REQ'D
504(3)	BRIDGE JOINT RESTRAINER UNITS	EA		-	12	-	-	-	12
506(3)	TREATED TIMBER	MBM		-	-	0.6	-	-	0.6
507(1)	STEEL BRIDGE RAILING	LF		-	73	-	-	-	73
508(1)	WATERPROOFING MEMBRANE	LS	SY	185	-	143	69	143	ALL REQ'D
509(1)	MMC OVERLAY	CY		66	36	160	97	185	544
510(1)	REMOVAL OF CONCRETE BRIDGE DECK	SF		4701	8298	11384	15408	12353	52144
513(1)	FIELD PAINTING OF STEEL STRUCTURES	LS		-	ALL REQ'D	-	-	-	ALL REQ'D
514(1)	BEARING REPLACEMENT	LS	EA	-	-	20	20	-	ALL REQ'D
606(12)	GUARDRAIL / BRIDGE RAIL CONNECTION	EA		-	4	-	-	-	4
633(1)	SILT FENCE	LF		2000	2000	2000	2000	2000	10000
640(1)	MOBILIZATION AND DEMOBILIZATION	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
640(4)	WORKER MEALS AND LODGING, OR PER DIEM	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
641(1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
641(3)	TEMPORARY EROSION AND POLLUTION CONTROL	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
641(4)	TEMPORARY EROSION AND POLLUTION CONTROL AMENDMENTS	CS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
642(3A)	THREE PERSON SURVEY PARTY	CS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
642(13)	AS-BUILT SURVEY	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
643(2)	TRAFFIC MAINTENANCE	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
643(23)	TRAFFIC PRICE ADJUSTMENT	CS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
643(25)	TRAFFIC CONTROL	CS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
644(1)	FIELD OFFICE	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
644(2)	FIELD LABORATORY	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
645(1)	TRAINING PROGRAM, 1 TRAINEES / APPRENTICES	LH		100	100	100	100	100	500
646(1)	CPM SCHEDULING	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D
670(10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LS		ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D	ALL REQ'D

GENERAL NOTES

DESIGN:..... AASHTO Standard Specifications for Highway Bridges, 17th Edition, with Latest Interim Specifications.

LIVE LOAD:..... See "AS-BUILT DRAWINGS"

REINFORCEMENT:..... ASTM A706, Fy = 60,000 psi
Space reinforcement evenly unless otherwise noted.

EPOXY-COATED REINFORCEMENT:..... ASTM A615, Fy = 60,000 psi
Space reinforcement evenly unless otherwise noted.

CONCRETE:..... Use Class A Concrete concrete unless otherwise noted, f'c = 4000 psi

MICROSILICA MODIFIED CONCRETE:..... f'c = 5000 psi

STRUCTURAL STEEL:..... ASTM A709, Grade 50, Fy = 50,000 psi.
Galvanize all structural steel in accordance with AASHTO M111 and M232 unless otherwise noted.

POST TENSIONING STEEL:..... ASTM A722, Galvanize all H.S. rods unless otherwise noted.

HIGH STRENGTH BOLTS:..... ASTM A325 unless otherwise noted.

TREATED TIMBER:..... Coast Region Douglas Fir or Western Larch No.1 or better.

ABBREVIATIONS:

- | | | | |
|---------|----------------------|--------|----------------------------------|
| F | = degrees Fahrenheit | H.S. | = high strength |
| C | = Centerline | Hwy | = highway |
| P | = Plate | jnt. | = joint |
| & | = and | lbs. | = pounds |
| @ | = at | LS | = lump sum |
| Ø | = diameter | Lt. | = left |
| Approx. | ± = approximate | max. | = maximum |
| Abut. | = abutment | min. | = minimum |
| B.B. | = begin bridge | MBM | = thousand board feet measure |
| bot. | = bottom | MMC | = microsilica modified concrete |
| Br. | = bridge | n.a. | = not applicable |
| btwn. | = between | n.f. | = near face |
| Brg. | = Bearings | No. | = number |
| C.I.P. | = cast in place | PVC | = point of vertical curve |
| Clr. | = clear, clearance | PVI | = point of vertical intersection |
| cy | = cubic yard | PVT | = point of vertical tangent |
| dia. | = diameter | REQ'D | = required |
| D.H.W. | = Design High Water | Rt. | = right |
| Dwg. | = drawing | R.O.W. | = Right of Way |
| ea. | = each | Sht. | = sheet |
| E.B. | = end bridge | spa. | = space, spaces, spaced |
| e.f. | = each face | Sta. | = station |
| Elev | = elevation | sq | = square yard |
| eq. | = equally | Symm. | = symmetric |
| f.f. | = far face | Typ. | = typical |
| ft. | = feet | vert. | = vertical |
| Grdr. | = girder | w/ | = with |

SEISMIC DESIGN PARAMETERS

DESCRIPTION	Honolulu Creek Bridge West #259	Little Cool Creek Bridge #262	Nenana River Bridge at Park Boundary #694	Nenana River Bridge at Park Station #1147	Nenana River Bridge at Windy #1243
SEISMIC ACCELERATION COEFFICIENT AASHTO 90% probability of not being exceeded in 50 years.	0.35	0.35	0.30	0.30	0.55
SOIL PROFILE COEFFICIENT	1.0	1.0	1.2	1.0	1.2
LIQUEFACTION SUSCEPTIBILITY	Low	Low	Low	Low	Low

NOTES:

- (E) = Existing
- = Existing
- = Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

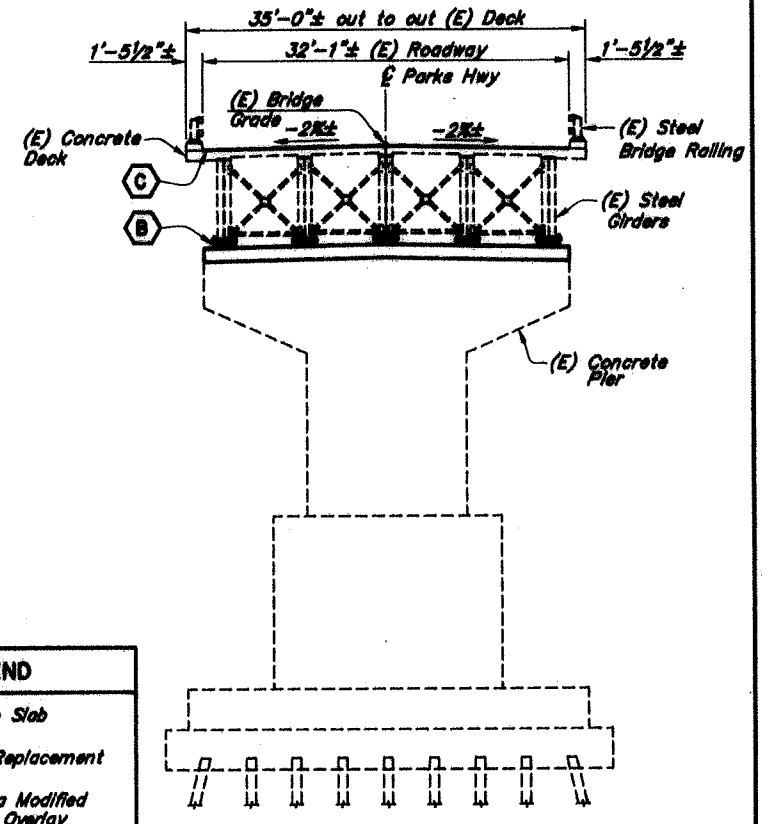
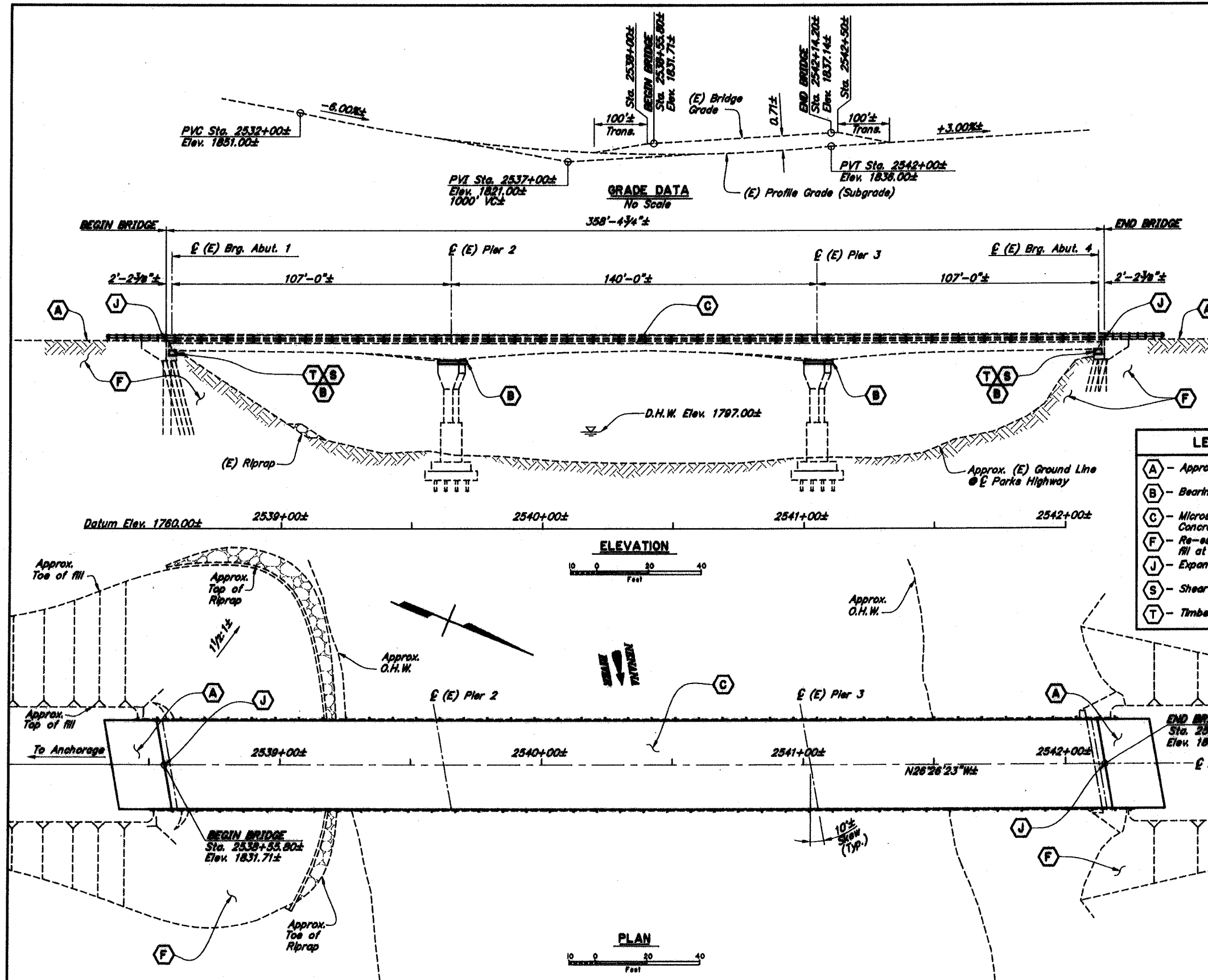
DESIGNED BY: Todd Boris	CHECKED BY: Travis Arndt	LAYOUT BY: Todd Boris	CHECKED BY: Travis Arndt
DRAWN BY: R. Grantham	CHECKED BY: Todd Boris	SPECIFICATIONS BY: D. Soden	PLANS & SPEC. COMPARED: Elmer Marx
QUANTITIES BY: Todd Boris	CHECKED BY: Travis Arndt	APPROVAL RECOMMENDED BY: Richard Pratt	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

PARKS HIGHWAY BRIDGE REHAB
PARKS HIGHWAY
ESTIMATE OF QUANTITIES

BRIDGE NO. _____
DWG. NO. 1

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0008(4831/60239	2008	-	-



LEGEND	
(A)	Approach Slab
(B)	Bearing Replacement
(C)	Microsilica Modified Concrete Overlay
(F)	Re-establish Approach fill at Abutment
(J)	Expansion Joint
(S)	Shear Key
(T)	Timber Blocking



DRAWING INDEX	
TITLE	DWG. NO.
GENERAL LAYOUT	1
ABUTMENTS	2
ABUTMENT DETAILS	3
PIERS	4
PIER DETAILS	5
TYPICAL SECTION	6
APPROACH SLAB	7
EXISTING EXPANSION JOINT DETAILS	8
NEW EXPANSION JOINT DETAILS	9
CURB EXPANSION JOINT DETAILS	10

NOTES:

(E) = Existing

--- = Existing

— = Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: Elmer Marx	CHECKED BY: Keith Carlson	LAYOUT BY: Elmer Marx	CHECKED BY: Keith Carlson
DRAWN BY: R. Grantham	CHECKED BY: Elmer Marx	SPECIFICATIONS BY: Elmer Marx	PLANS & SPEC. COMPARED BY: Keith Carlson
QUANTITIES BY: Elmer Marx	CHECKED BY: Keith Carlson	APPROVAL RECOMMENDED BY: Richard Pratt	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

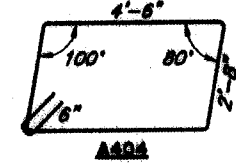
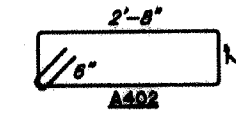
NENANA RIVER BRIDGE AT PARK BOUNDARY
PARKS HIGHWAY
GENERAL LAYOUT

BRIDGE NO. 694
DWG. NO. 1

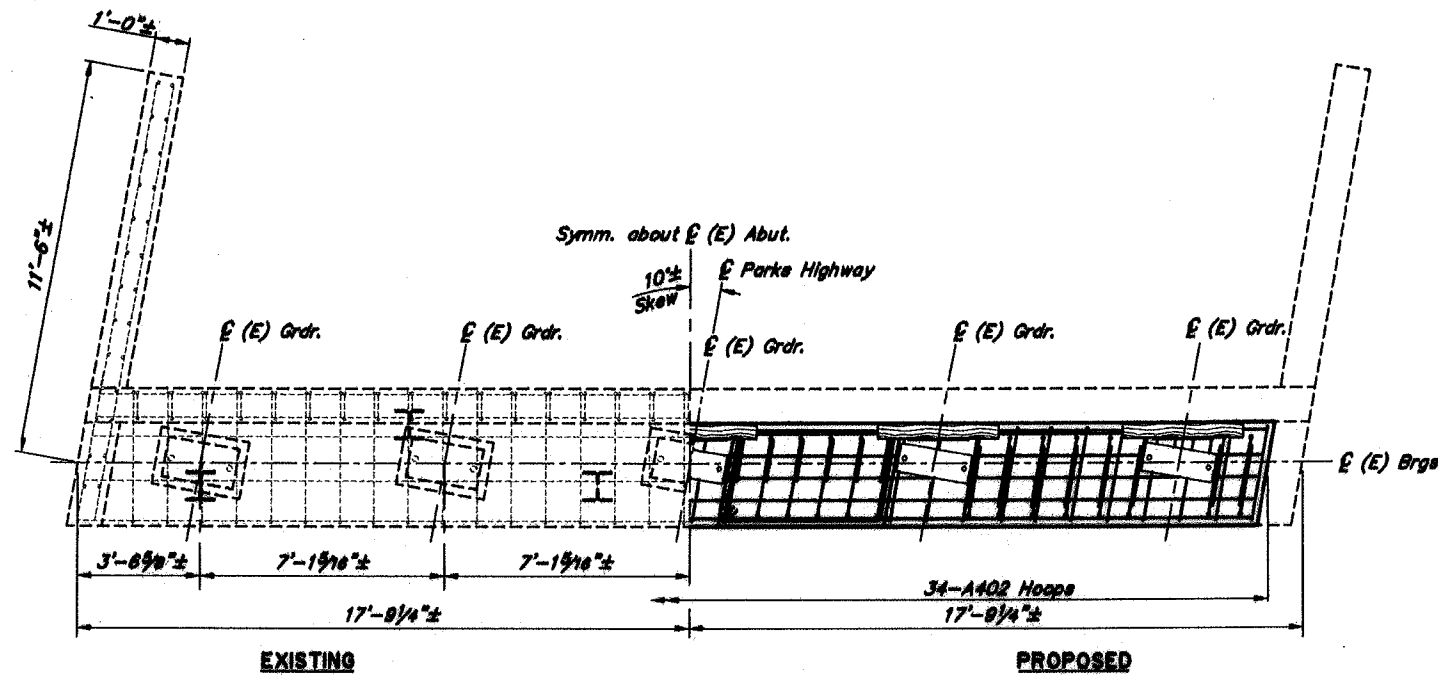
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0008(493)/60239	2008	-	-

REINFORCING STEEL-ONE ABUTMENT

MARK	SIZE	NO.	LENGTH	TYPE	BENDING DIAGRAM
A401	4	8	33'-2"	—	
A402	4	34	7'-6"	Bent	
A403	4	10	4'-5"	—	
A404	4	6	15'-4"	Bent	
A601	6	32	3'-10"	Bent	
A602	6	36	4'-6"	Bent	



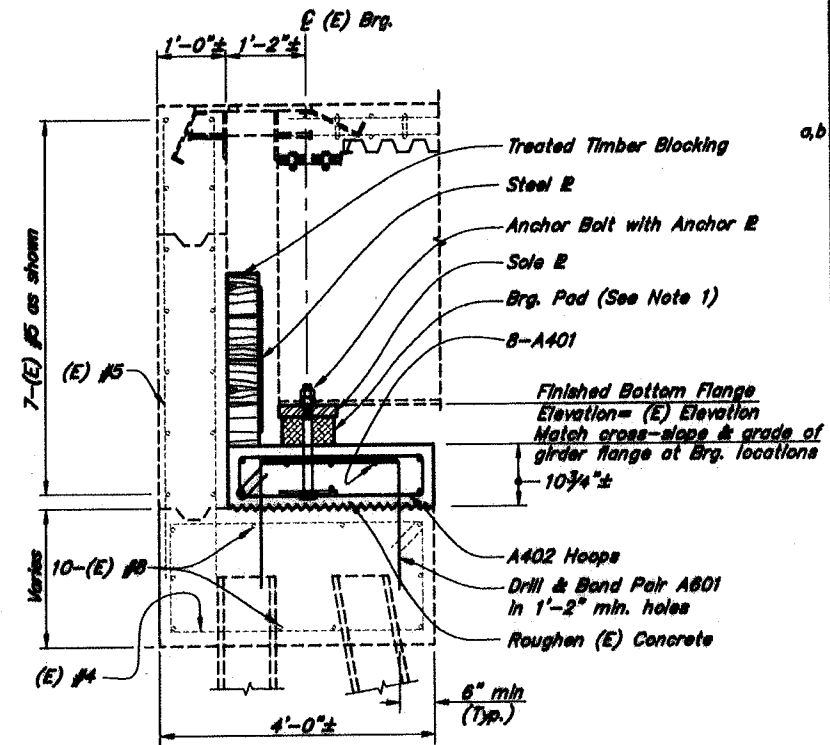
a - Length does not include splices
b - Field bend for crown



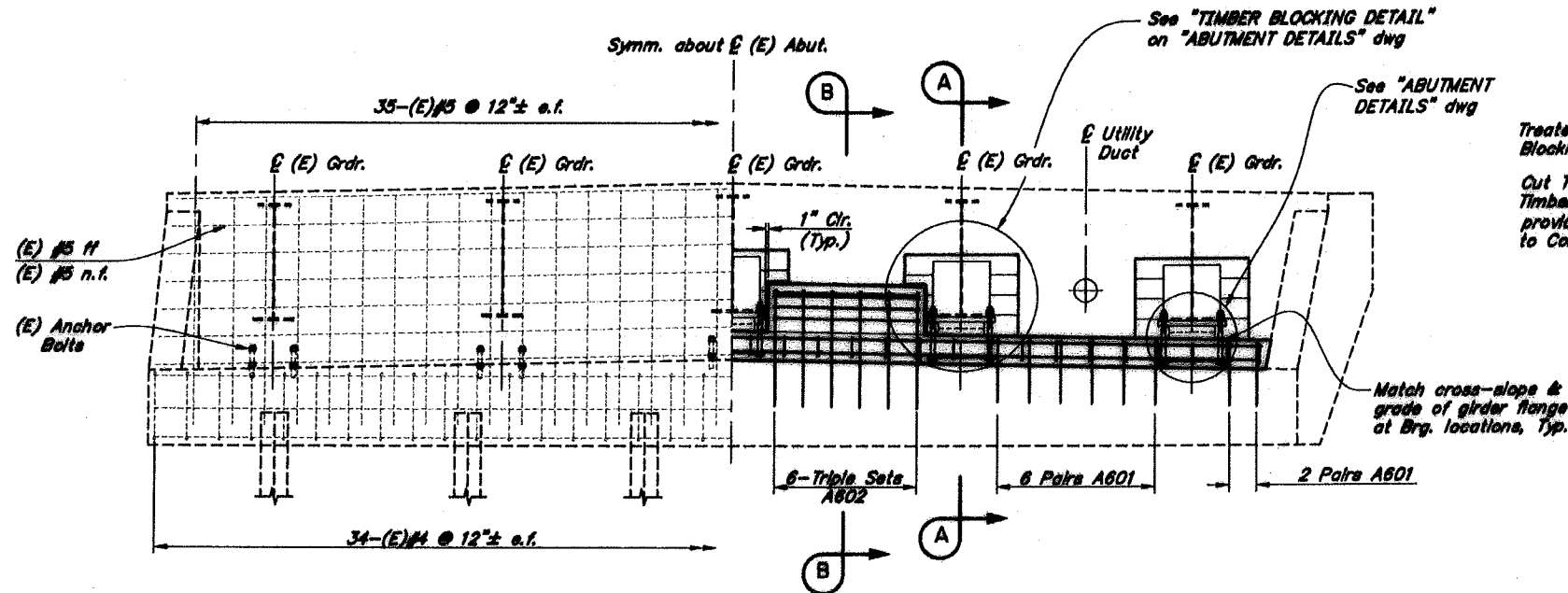
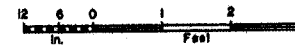
EXISTING

PROPOSED

PLAN



SECTION A-A

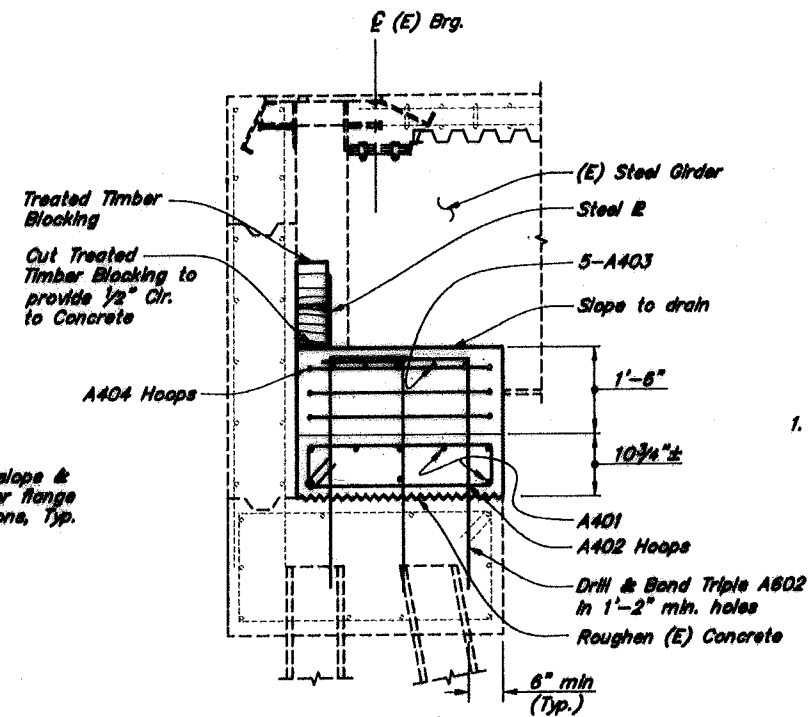


EXISTING

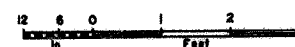
ELEVATION



PROPOSED



SECTION B-B



NOTES:

1. Pier bearing pads are anticipated to compress less than 1/8".

LOCATION	BEARING PAD REACTION	
	DEAD LOAD PER BRG.	HS20 * LIVE LOAD PER BRG.
Abutments	38 k	81 k

* Includes Impact Allowance

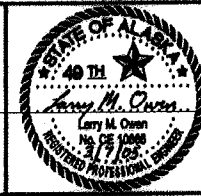
(E) = Existing
--- = Existing
—— = Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: Larry Owen	CHECKED: Todd Barb
Larry M. Owen	TAB
DRAWN BY: R. Graham	CHECKED: Larry Owen
[Signature]	Larry M. Owen
QUANTITIES BY: Larry Owen	CHECKED: Todd Barb
Larry M. Owen	TAB

REHABILITATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

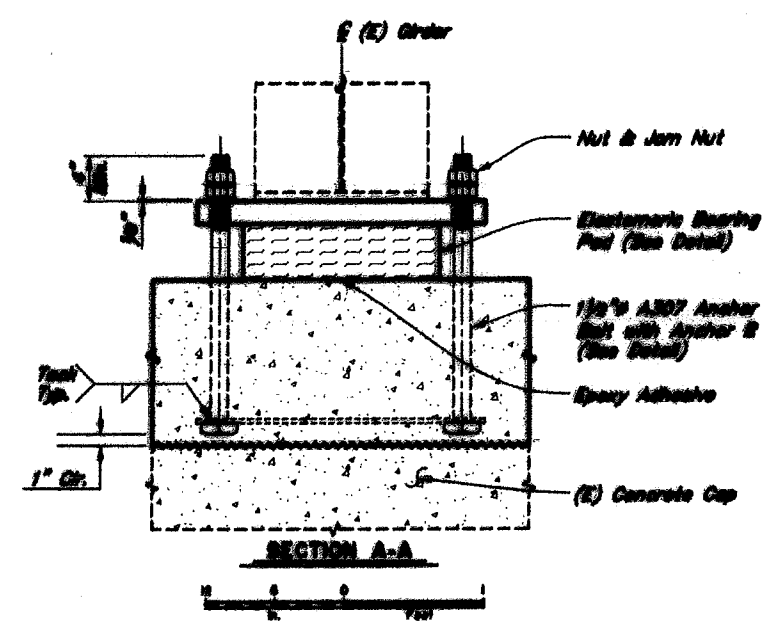
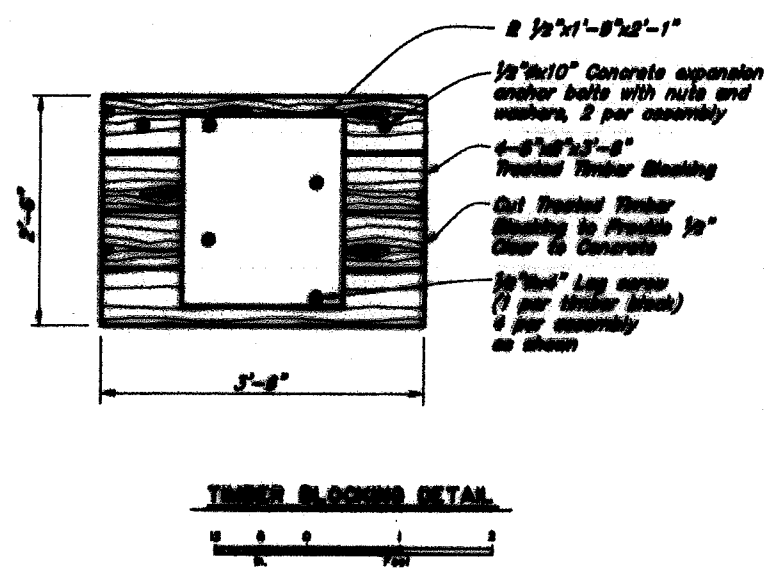
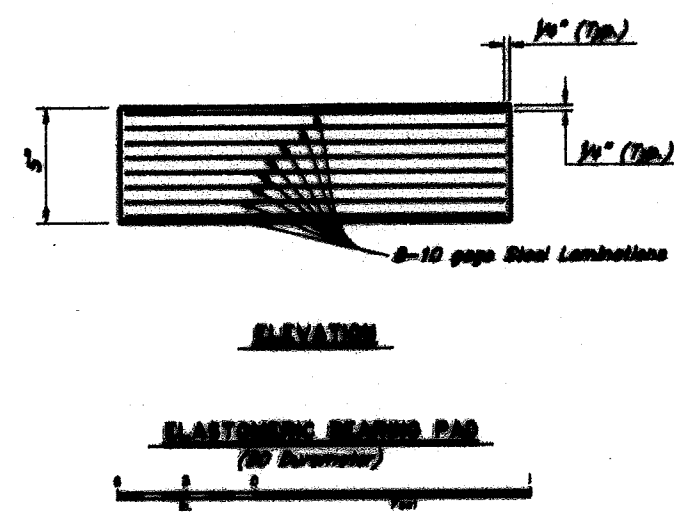
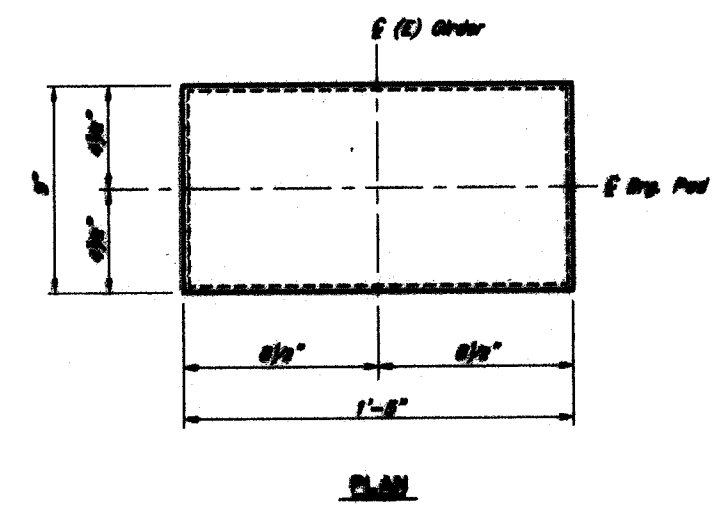
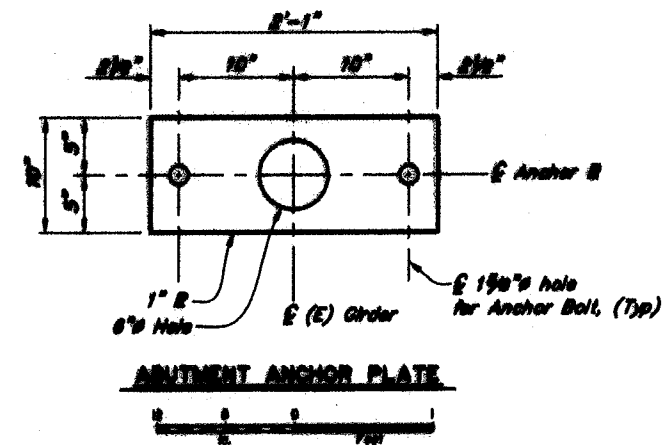
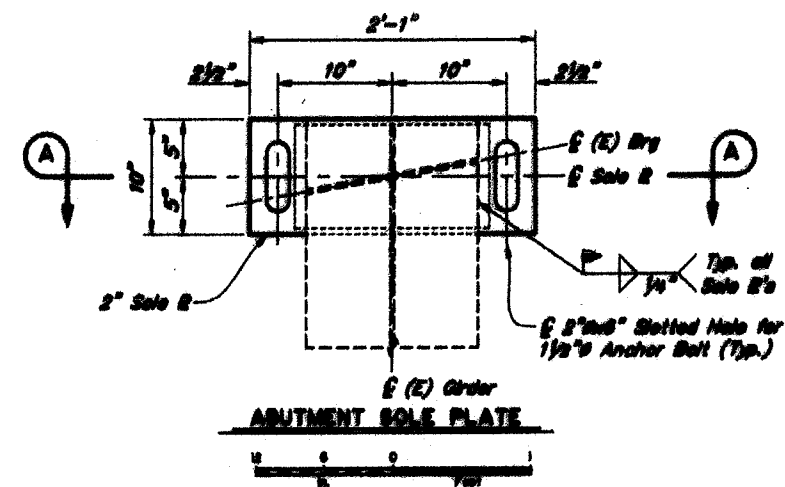


NENANA RIVER BRIDGE AT PARK BOUNDARY
PARKS HIGHWAY
ABUTMENTS



BRIDGE NO. 694
DWG. NO. 2

STATE	PROJECT IDENTIFICATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	SH-0000402/00000	2008	-	-



NOTES:

(E) - Existing
 - - - - - Existing
 ——— Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: Larry Owen	CHECKED BY: [Signature]
DRAWN BY: [Signature]	CHECKED BY: Larry Owen
QUANTITIES BY: Larry Owen	CHECKED BY: [Signature]

REHABILITATION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



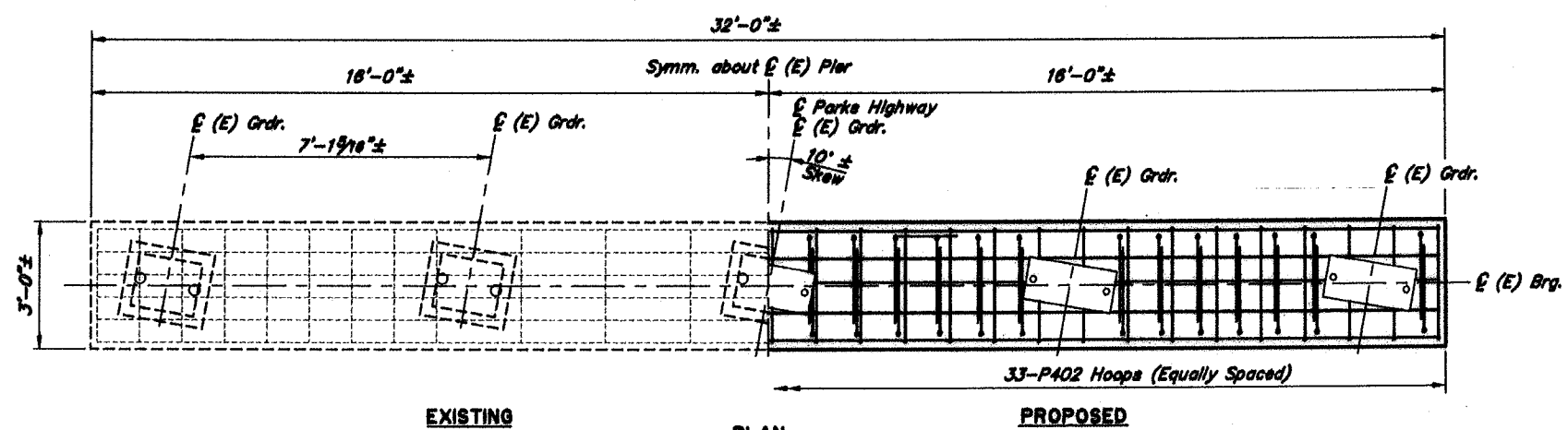
NENANA RIVER BRIDGE AT PARK BOUNDARY
 PARKS HIGHWAY
ABUTMENT DETAILS

BRIDGE NO. 694
DWG. NO. 3

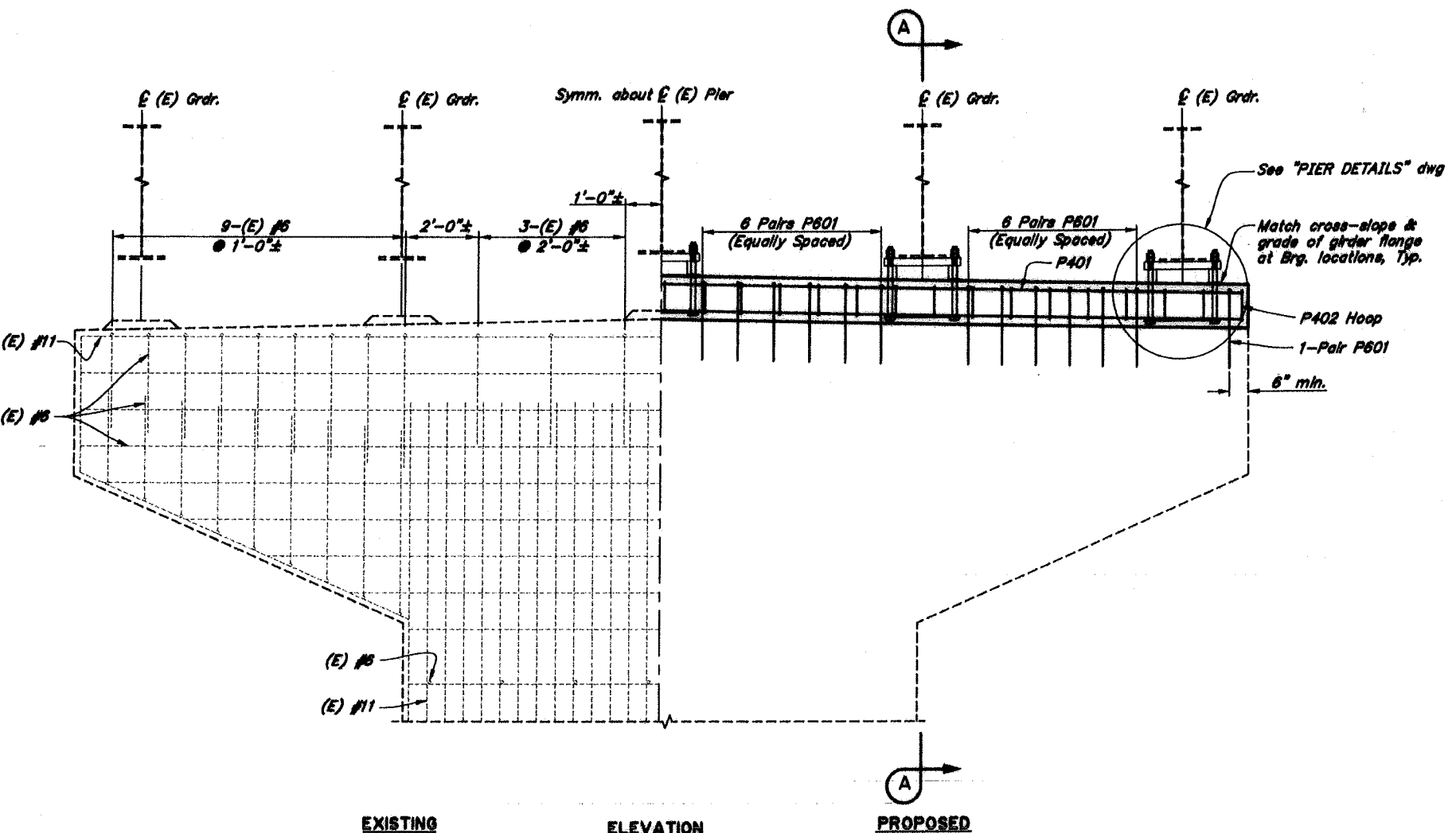
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0008(493)/60238	2005	-	-

REINFORCING STEEL-ONE PIER				
MARK	SIZE	NO.	LENGTH	BENDING DIAGRAM
P401	4	8	31'-8"	
P402	4	33	8'-0"	
P801	8	52	4'-2"	

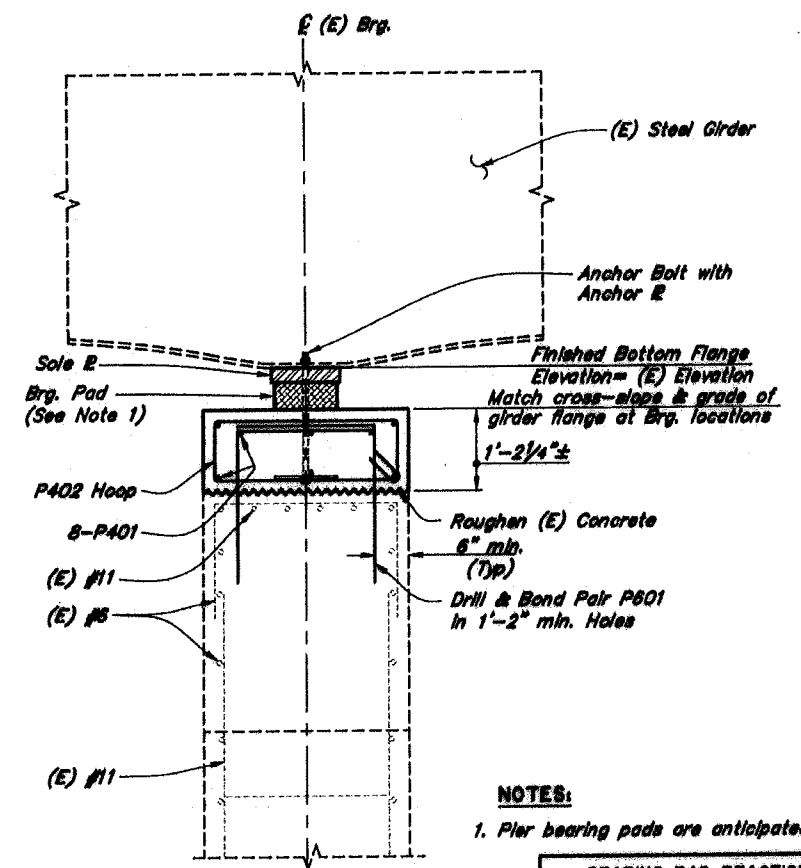
a - Length does not include splices
b - Field bend for crown



EXISTING PROPOSED PLAN



EXISTING PROPOSED ELEVATION



SECTION A-A



NOTES:
1. Pier bearing pads are anticipated to compress 1/4".

BEARING PAD REACTION		
LOCATION	DEAD LOAD PER BRG.	HS20 * LIVE LOAD PER BRG.
Piers	141 k	116 k

* Includes Impact Allowance
(E) = Existing
--- = Existing
— = Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: Larry Owen	CHECKED: Todd Baris
DRAWN BY: R. Grantham	CHECKED: Larry Owen
QUANTITIES BY: Larry Owen	CHECKED: Todd Baris

REHABILITATION

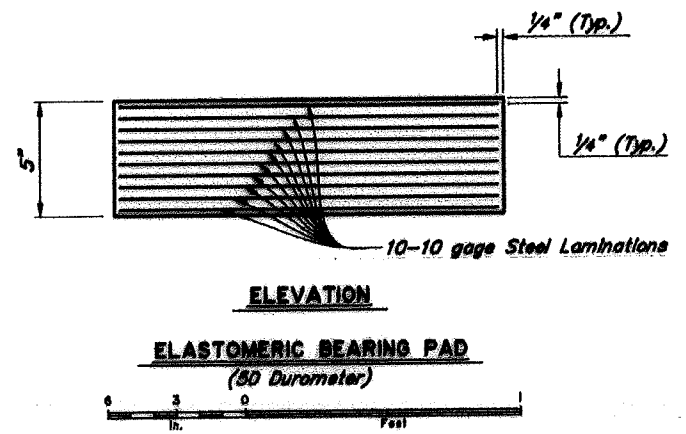
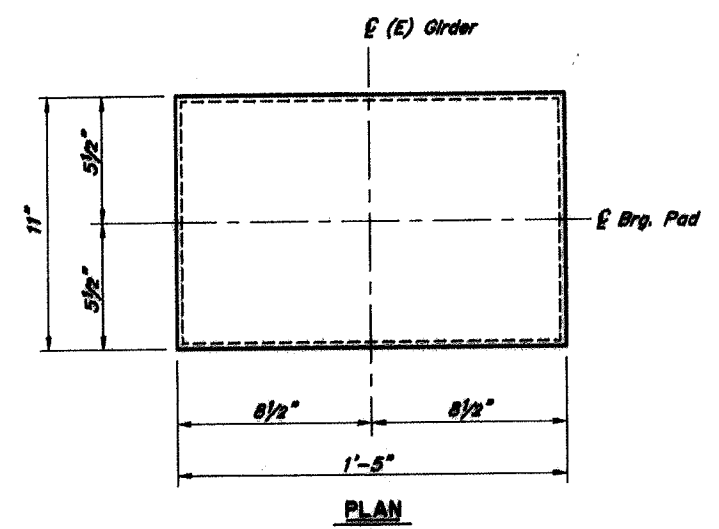
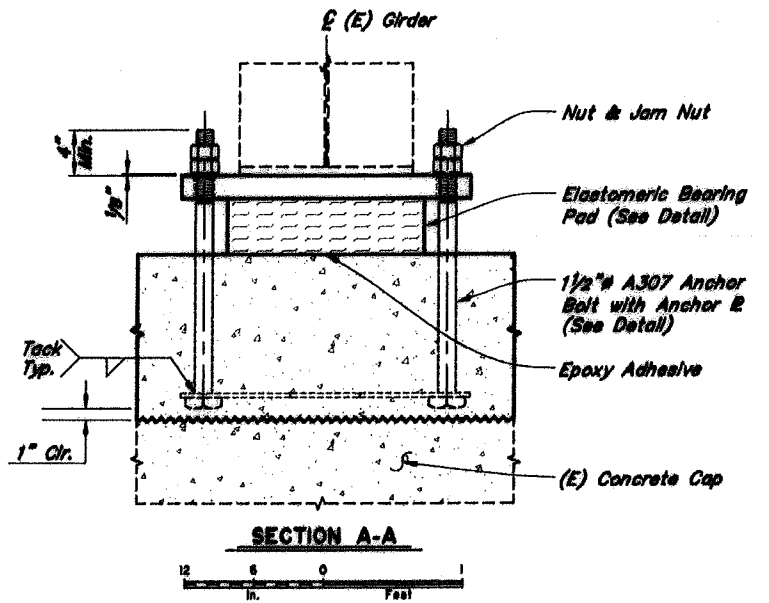
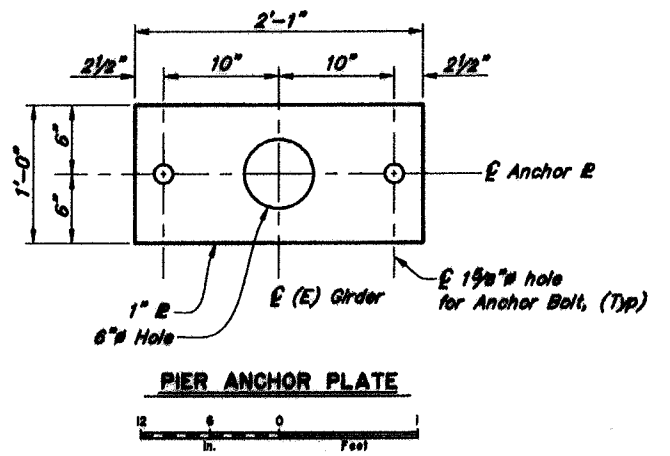
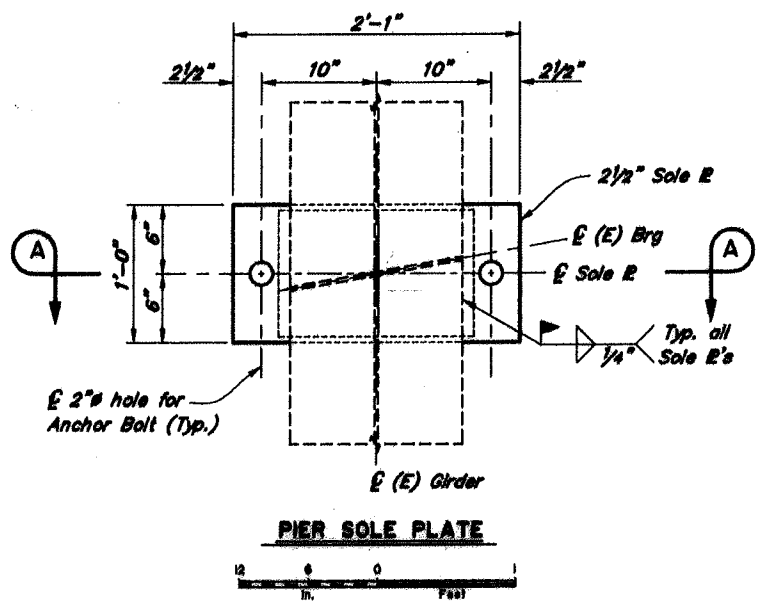
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



NENANA RIVER BRIDGE AT PARK BOUNDARY
PARKS HIGHWAY
PIERS

BRIDGE NO. 694
DWG. NO. 4

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-000814851/60239	2005	-	-



NOTES:
 (E) = Existing
 - - - = Existing
 ——— = Denotes this contract
 Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: Larry Owen <i>Larry M. Owen</i>	CHECKED: Todd Burib <i>Todd Burib</i>
DRAWN BY: R. Grantham <i>R. Grantham</i>	CHECKED: Larry Owen <i>Larry M. Owen</i>
QUANTITIES BY: Larry Owen <i>Larry M. Owen</i>	CHECKED: Todd Burib <i>Todd Burib</i>

REHABILITATION

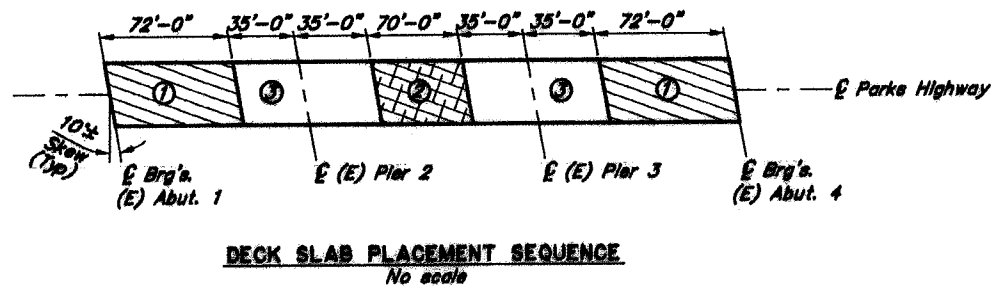
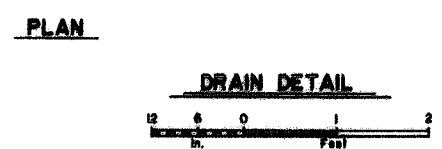
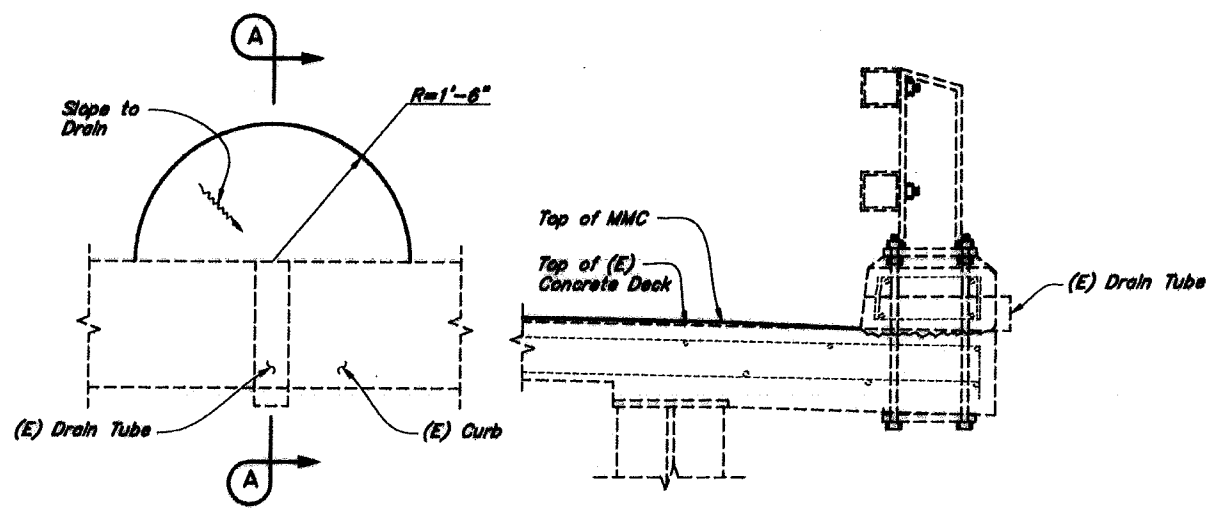
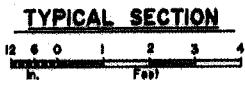
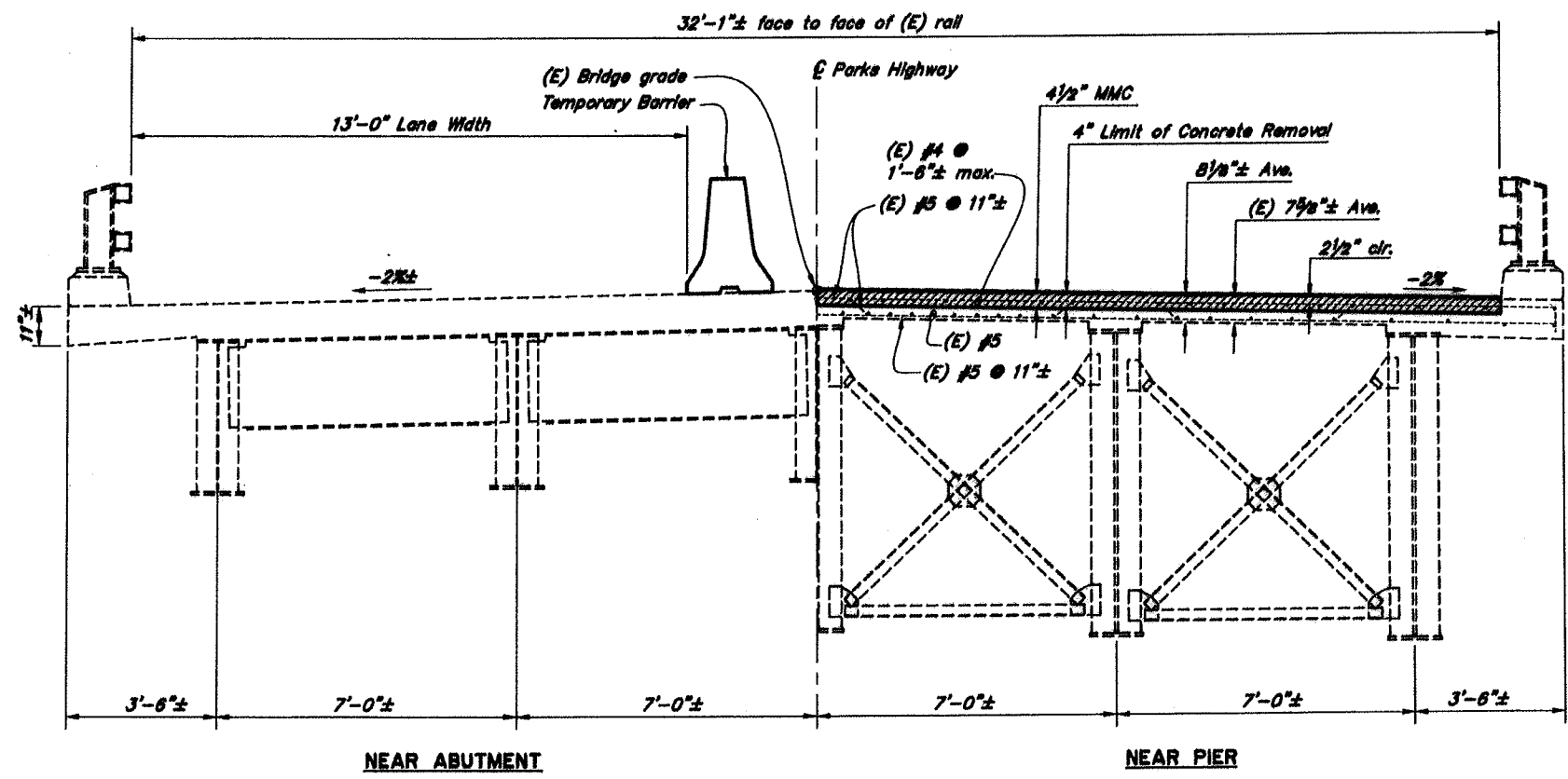
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



NENANA RIVER BRIDGE AT PARK BOUNDARY
 PARKS HIGHWAY
 PIER DETAILS

BRIDGE NO. 694
 DWG. NO. 5

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0006(493)/60239	2005		49



NOTES:

- Place deck sections in the numbered sequence shown. Place numbered sections sequentially, but place no higher numbered sections until all lower numbered sections have been placed per half width.

(E) = Existing
 --- = Existing
 ——— = Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.


DESIGNED BY: <i>Travis Arnett</i>	CHECKED: <i>Keith C. Carlson</i>
DRAWN BY: <i>R. Grantham</i>	CHECKED: <i>Travis Arnett</i>
QUANTITIES BY: <i>Travis Arnett</i>	CHECKED: <i>Keith C. Carlson</i>

REHABILITATION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



NENANA RIVER BRIDGE AT PARK BOUNDARY
 PARKS HIGHWAY
 TYPICAL SECTION

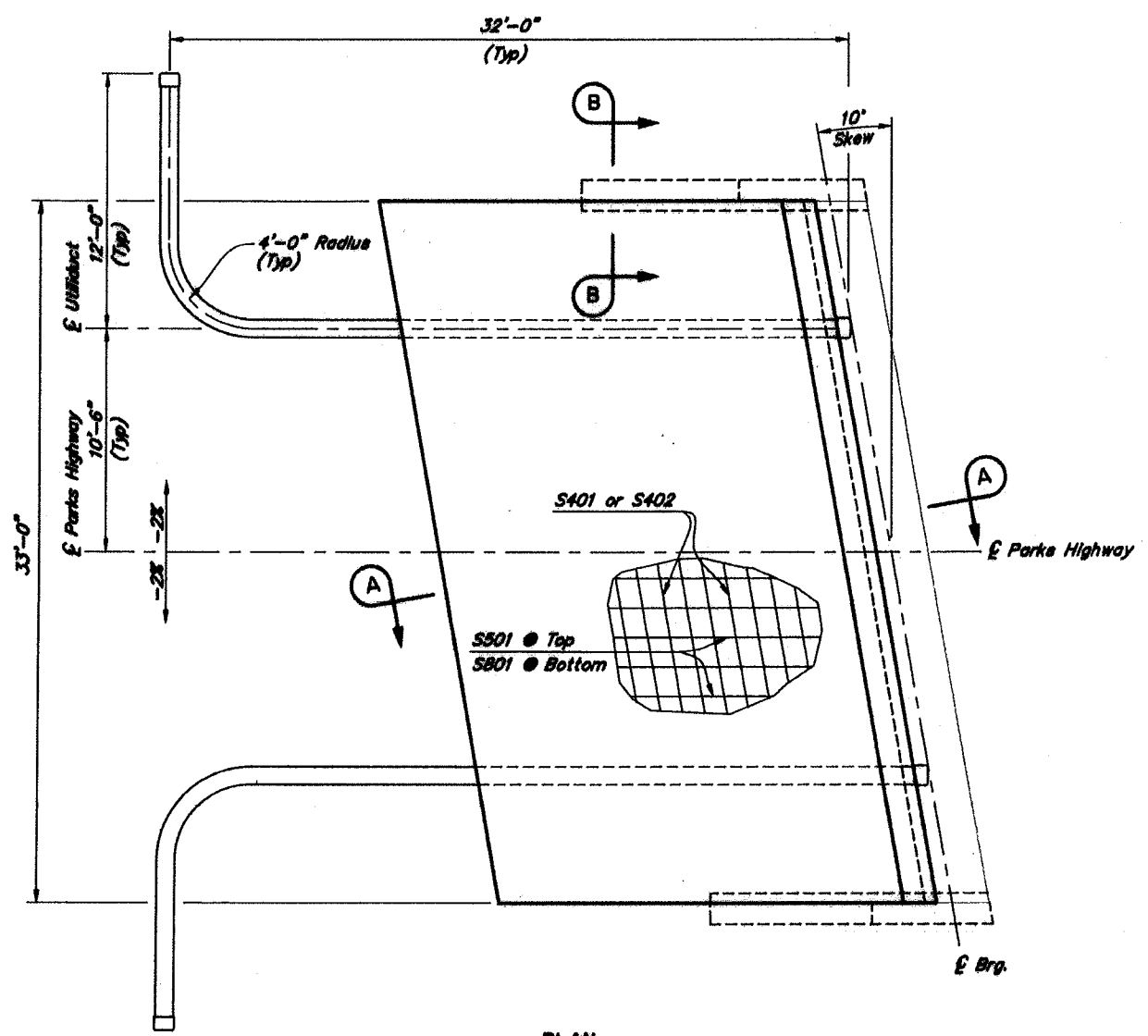

 BRIDGE NO. 694
 DWG. NO. 6

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0008(493)/60230	2005	-	-

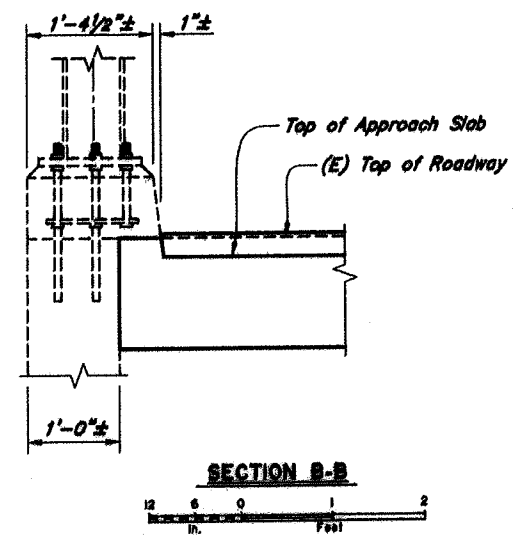
a - REINFORCING STEEL - ONE APPROACH SLAB				
MARK	SIZE	NO.	LENGTH	TYPE
S401	4	88	18'-7"	—
S402	4	88	19'-0"	Bent
S501	5	87	21'-3"	—
S502	5	34	4'-0"	Bent
S503	5	34	4'-8"	Bent
S801	8	87	21'-3"	—

BENDING DIAGRAM	

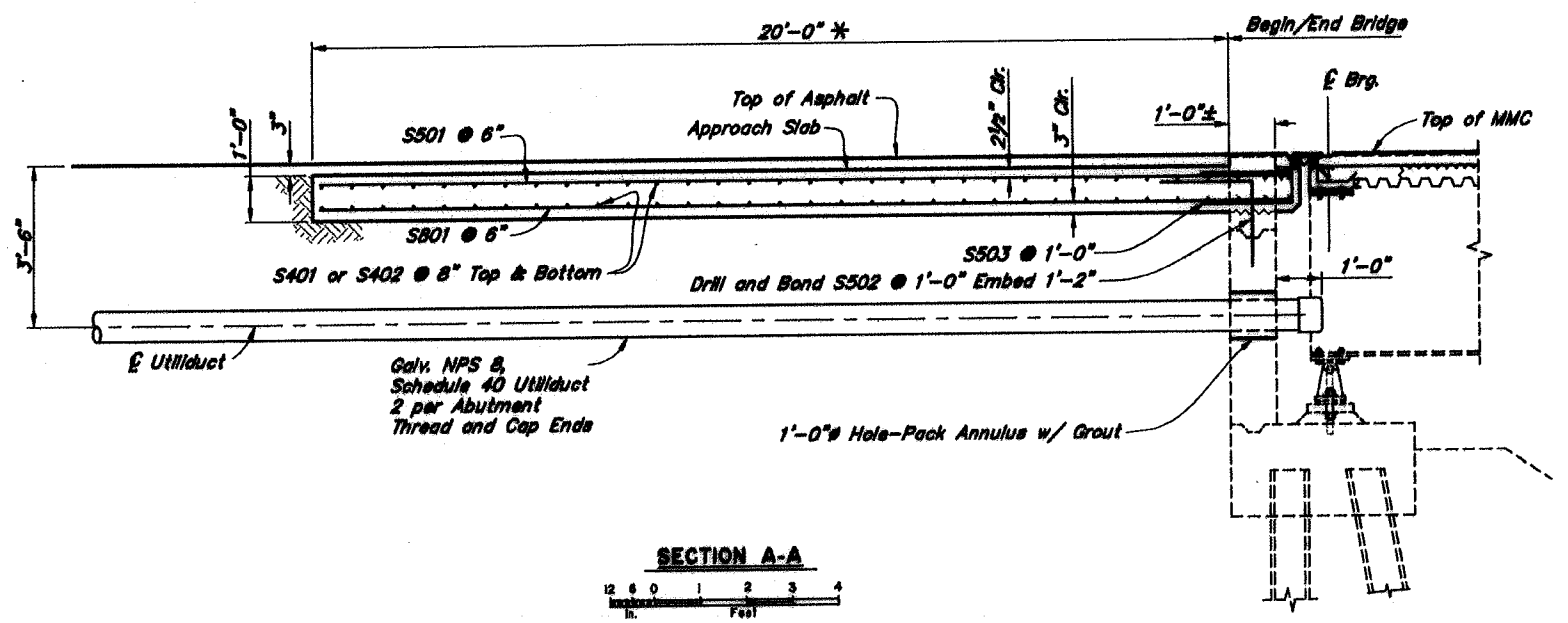
a - Epoxy coat all reinforcing steel.
b - Field Straighten to provide required lap splice length.



PLAN
(Abutment 1 shown Abutment 2 similar)



SECTION B-B



SECTION A-A



NOTES:
* Measured parallel to roadway centerline.
(E) = Existing
--- = Existing
— = Denotes this contract
Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.


DESIGNED BY: Trade Arndt <i>Trade Arndt</i>	CHECKED: Keith Carlson <i>Keith C. Carlson</i>
DRAWN BY: R. Grantham <i>R. Grantham</i>	CHECKED: Trade Arndt <i>Trade Arndt</i>
QUANTITIES BY: Trade Arndt <i>Trade Arndt</i>	CHECKED: Keith Carlson <i>Keith C. Carlson</i>

REHABILITATION

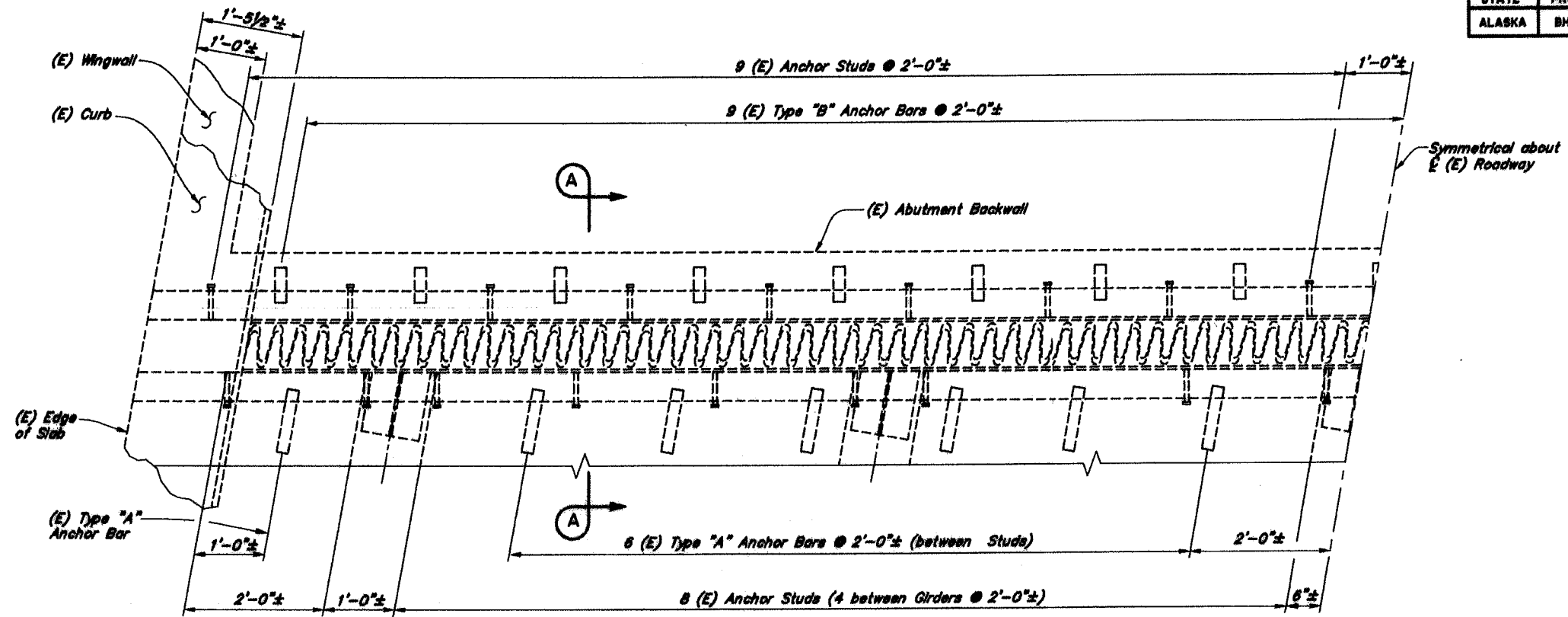
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



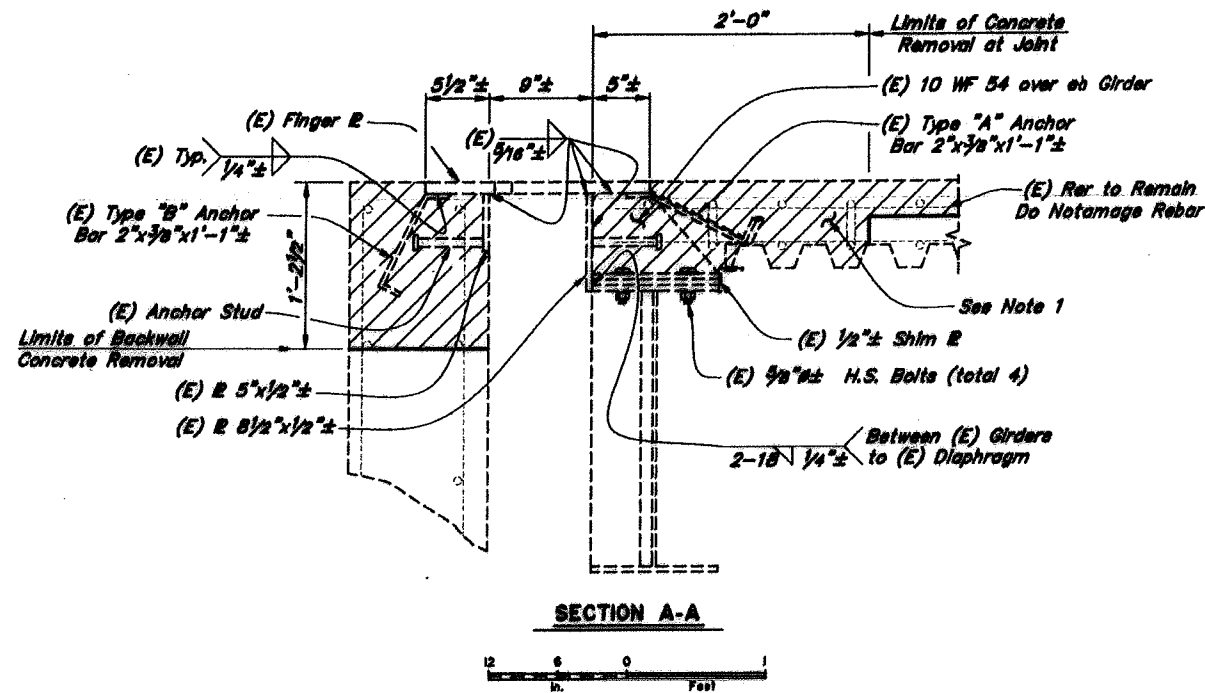
NENANA RIVER BRIDGE AT PARK BOUNDARY
PARKS HIGHWAY
APPROACH SLAB


BRIDGE NO. 694
DWG. NO. 7

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-000814831/60239	2005	-	-



HALF PLAN-EXPANSION DEVICE AT ABUTMENTS



NOTES:

1. Remove existing expansion device, deck concrete and backwall concrete as shown. Remove and replace existing curb, curb plates and posts as needed. Preserve existing deck and backwall reinforcing.

(E) = Existing
--- = Existing
—— = Denotes this contract

Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: Trade Arndt <i>Tom Smith</i>	CHECKED: Keith Carlson <i>Keith C. Carlson</i>
DRAWN BY: R. Swanson <i>Tom Smith</i>	CHECKED: Trade Arndt <i>Tom Smith</i>
QUANTITIES BY: Trade Arndt <i>Tom Smith</i>	CHECKED: Keith Carlson <i>Keith C. Carlson</i>

REHABILITATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION



NENANA RIVER BRIDGE AT PARK BOUNDARY
PARKS HIGHWAY
EXISTING EXPANSION JOINT DETAILS

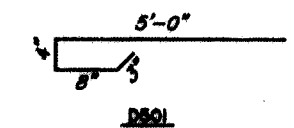


BRIDGE NO. 694
DWG. NO. 8

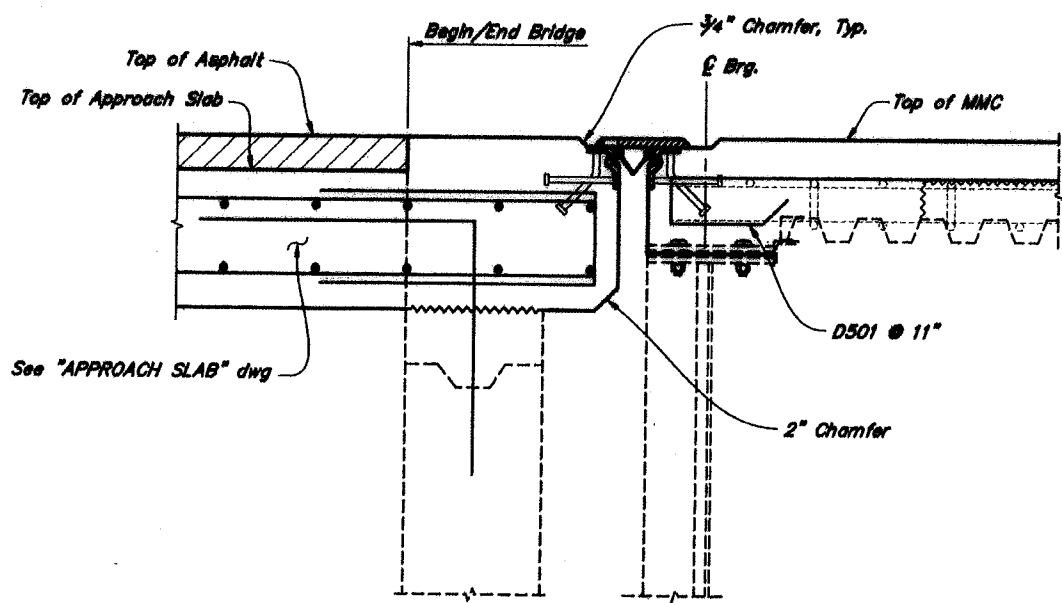
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0008(493)/60239	2005	-	-

a - REINFORCING STEEL - ONE JOINT

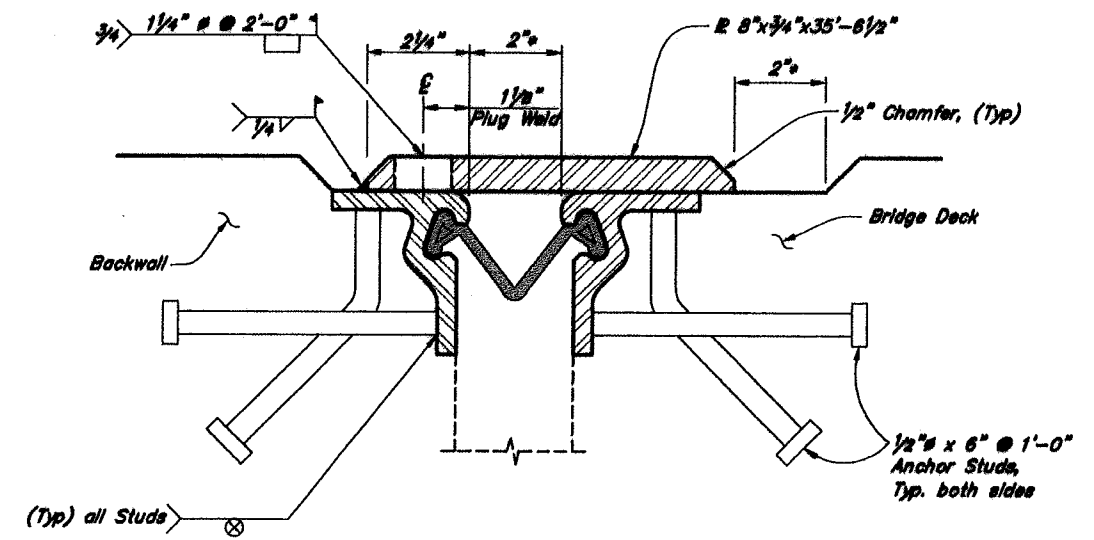
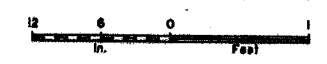
MARK	SIZE	NO.	LENGTH	TYPE	BENDING DIAGRAM
D501	3	37	6'-3"	Bent	



a - Epoxy coat all reinforcing steel.



SECTION THROUGH EXPANSION JOINT AT ABUTMENT



SLIDING PLATE JOINT W/ STRIP SEAL



NOTES:
 * @ 40F vary 1/8" per 10F.
 (E) = Existing
 --- = Existing
 ——— = Denotes this contract
 Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: <i>Travis Amell</i>	CHECKED: <i>Kath Carlson</i>
DRAWN BY: <i>R. Grantham</i>	CHECKED: <i>Travis Amell</i>
QUANTITIES BY: <i>Travis Amell</i>	CHECKED: <i>Kath Carlson</i>

REHABILITATION

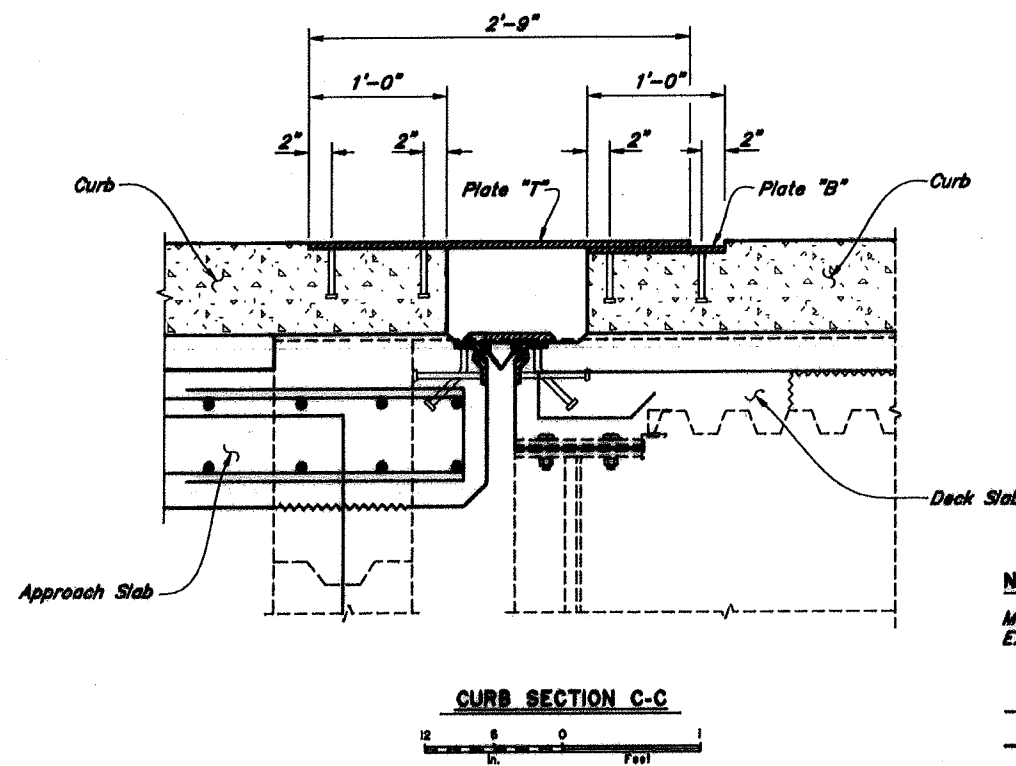
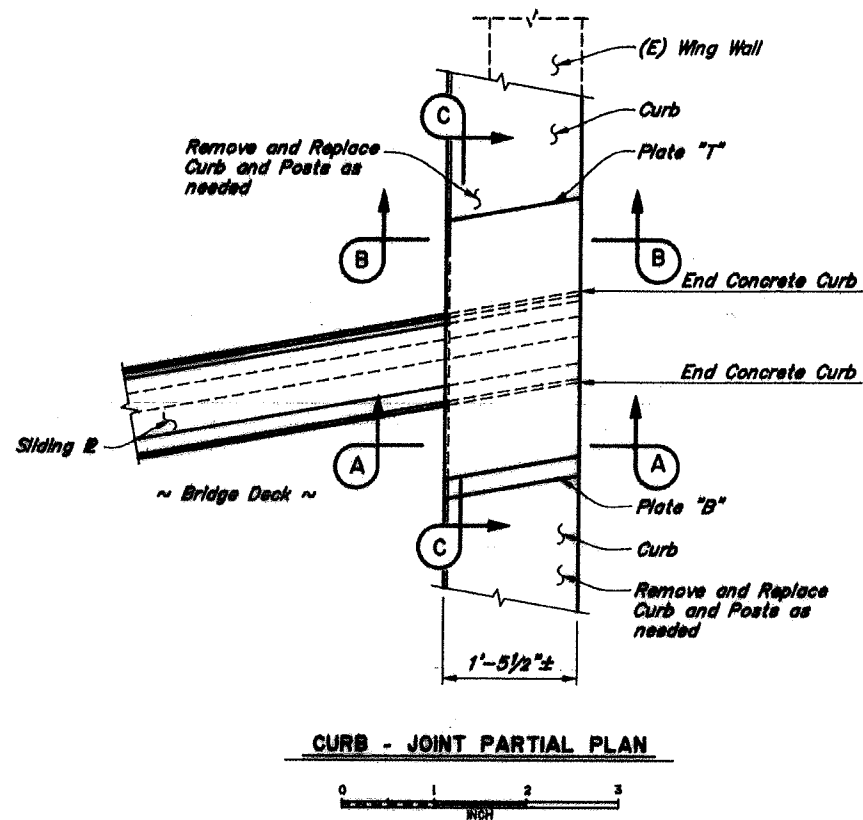
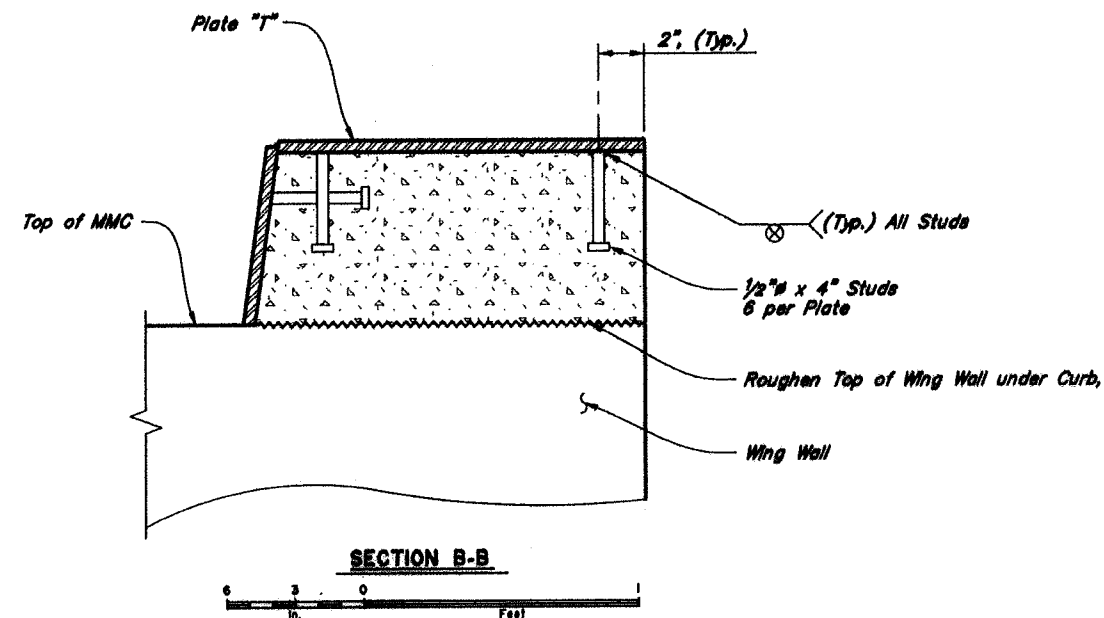
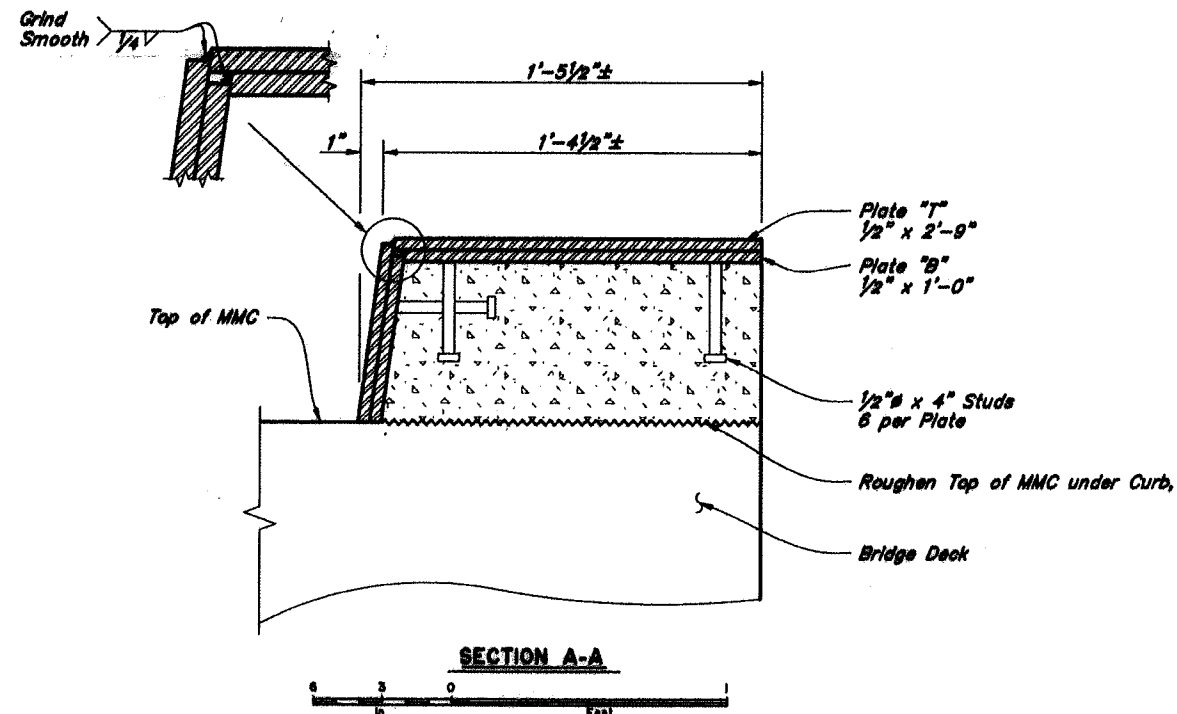
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



NENANA RIVER BRIDGE AT PARK BOUNDARY
 PARKS HIGHWAY
 NEW EXPANSION JOINT DETAILS

BRIDGE NO. 694
 DWG. NO. 9

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0008(493)/60239	2005	-	-

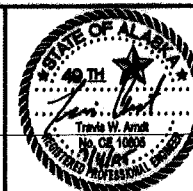


NOTES:
 Match Top & Traffic Side of Plate "T" with Existing Curb Concrete.
 (E) = Existing
 --- = Existing
 ——— = Denotes this contract
 Elevations, Bearings and Dimensions are based on "AS-BUILT" plans. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: <i>Travis Arndt</i>	CHECKED: <i>Keith Carlson</i>
DRAWN BY: <i>R. Grantham</i>	CHECKED: <i>Travis Arndt</i>
QUANTITIES BY: <i>Travis Arndt</i>	CHECKED: <i>Keith Carlson</i>

REHABILITATION

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



NENANA RIVER BRIDGE AT PARK BOUNDARY
 PARKS HIGHWAY
 CURB EXPANSION JOINT DETAILS



BRIDGE NO. 694
 DWG. NO. 10