

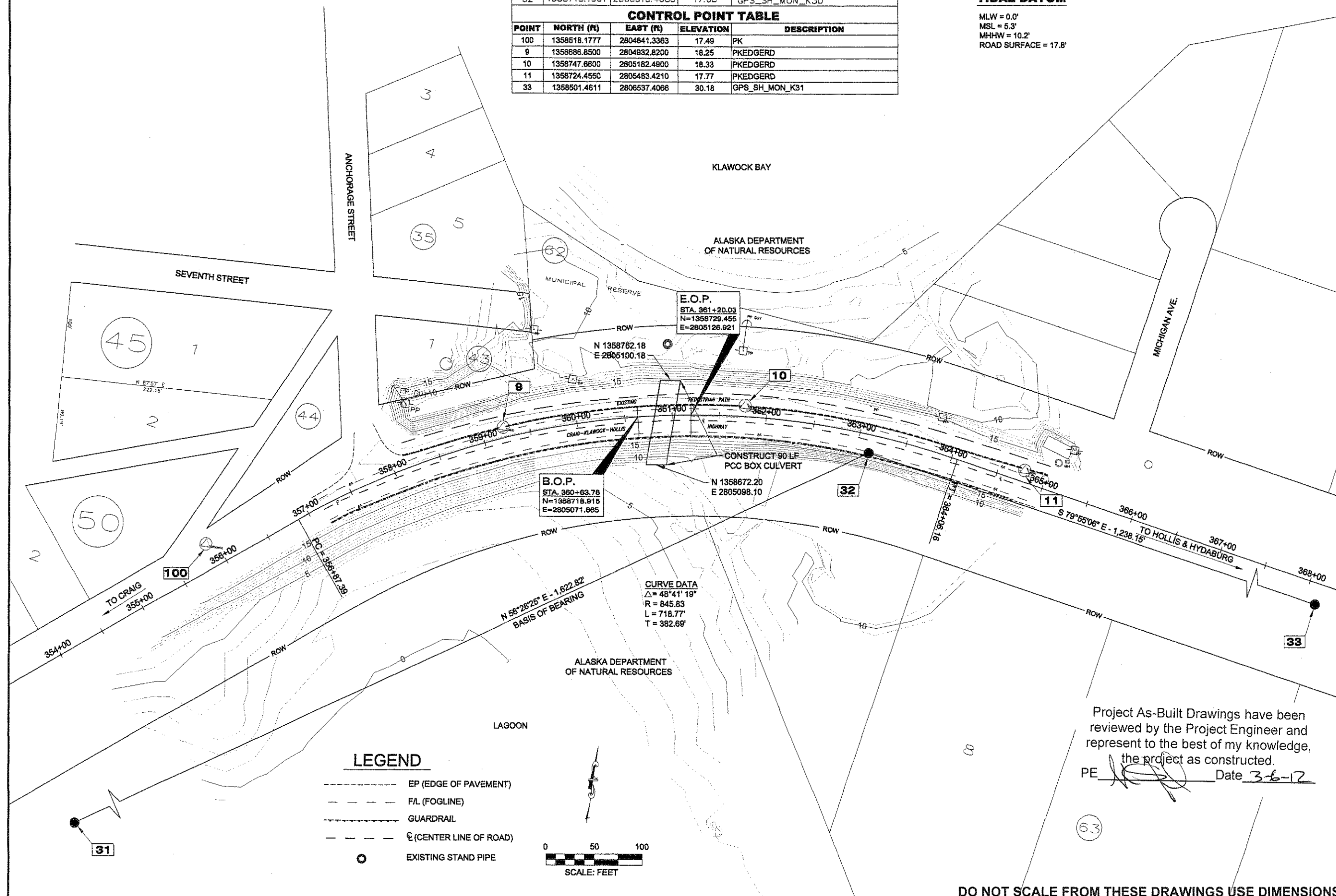
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NA09NMF4630301~69319	2010	A1	12

BASIS OF BEARING				
POINT	NORTH (N)	EAST (E)	ELEVATION	DESCRIPTION
31	1357821.9003	2803965.6112	19.52	GPS_SH_MON_K29
32	1358718.1961	2805318.4083	17.03	GPS_SH_MON_K30

CONTROL POINT TABLE				
POINT	NORTH (N)	EAST (E)	ELEVATION	DESCRIPTION
100	1358518.1777	2804841.3363	17.49	PK
9	1358686.8500	2804932.8200	18.25	PKEDGERD
10	1358747.6800	2805182.4800	18.33	PKEDGERD
11	1358724.4550	2805483.4210	17.77	PKEDGERD
33	1358501.4611	2806537.4066	30.18	GPS_SH_MON_K31

TIDAL DATUM

MLW = 0.0'
MSL = 5.3'
MHHW = 10.2'
ROAD SURFACE = 17.8'



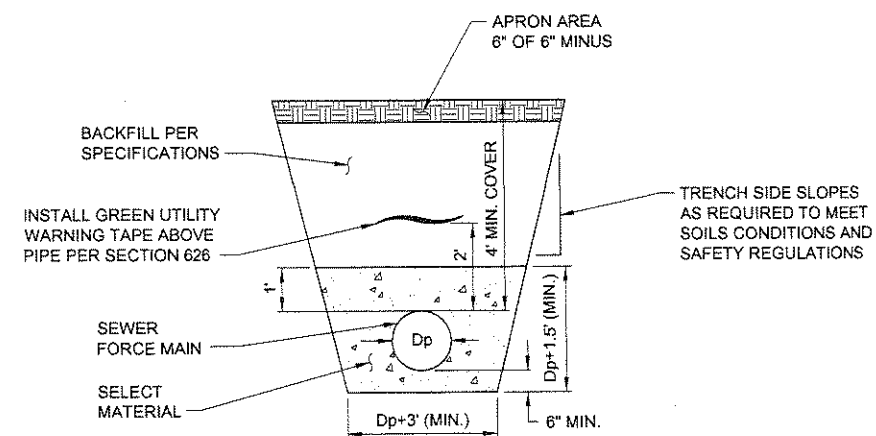
PATH: Q:\KLV\69310\EN\CD KLA WOCK CAUSEWAY FISH PASSAGE SOURCE DWG: ALIGN & CORR SURVEY CONTROL DWG STEVENS, DAVID A (DOT) TAB: A2 Wednesday, June 30, 2010 9:57:57 AM		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
KLV - CAUSEWAY FISH PASSAGE		
SURVEY CONTROL PLAN		
CHECKED BY: T. REED 		
DESIGNED BY: D. STEVENS DRAWN BY: D. STEVENS		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION KLV - CAUSEWAY FISH PASSAGE		
SURVEY CONTROL PLAN		
PROJECT DESIGNATION NA09NMF4630301~69319		
STATE	YEAR	
ALASKA	2010	
SHEET NUMBER	TOTAL SHEETS	
A2	12	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE  Date 3-6-12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

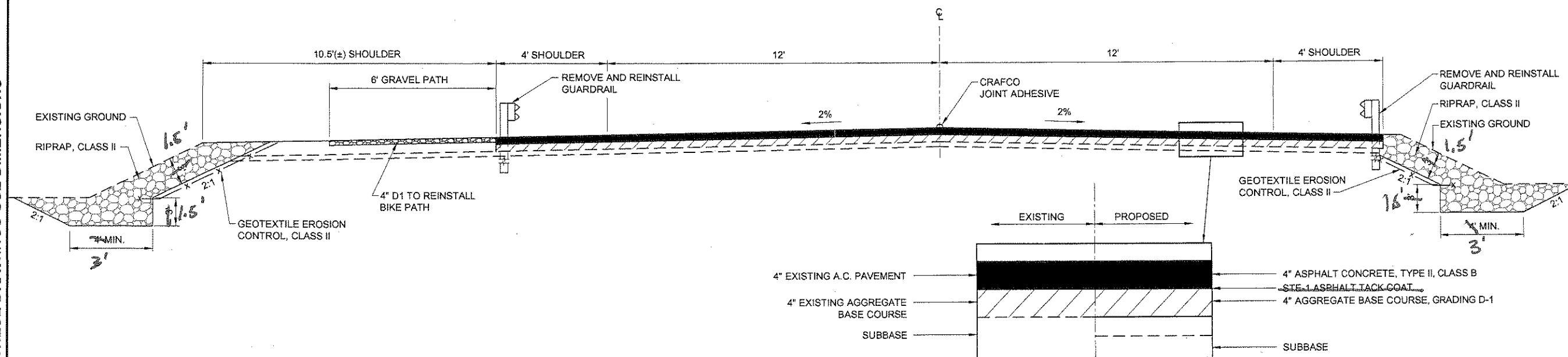
PATH: Q:\KLW\69319\ENIC3D KLAWOCK CAUSEWAY FISH PASSAGE\SOURCE DWGS\ALIGN & CORRI\B_TYPS.DWG		
STEVENS, DAVID A (DOT)		
TAB: B1	Tue, 13 Jul 2010 - 2:53pm	
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



SANITARY SEWER FORCE MAIN TRENCH SECTION

KLW - CAUSEWAY
FISH PASSAGE

TYPICAL SECTIONS



ASPHALT INSTALLATION TYPICAL SECTION

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE [Signature] Date 3-6-12

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KLW - CAUSEWAY
FISH PASSAGE

TYPICAL SECTIONS

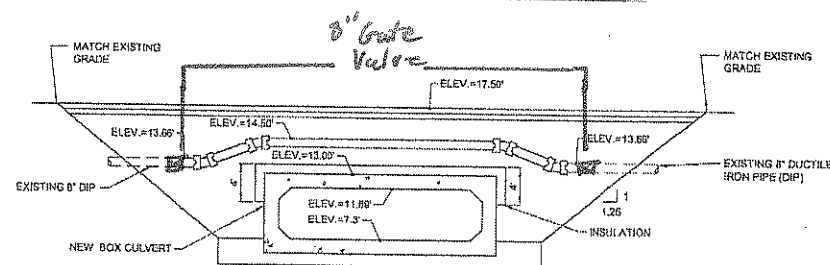
PROJECT DESIGNATION

NA09NMF4630301~69319

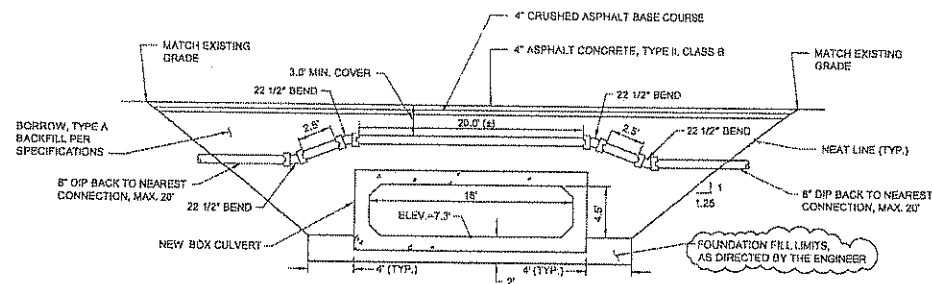
STATE	YEAR
ALASKA	2010

SHEET NUMBER	TOTAL SHEETS
B1	12

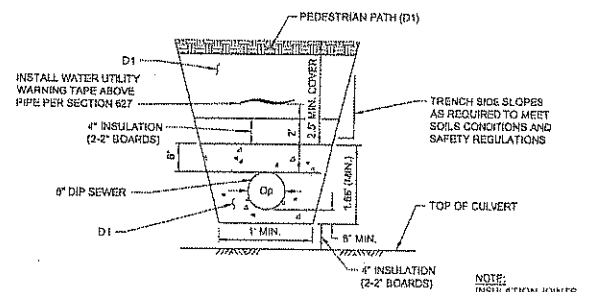
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



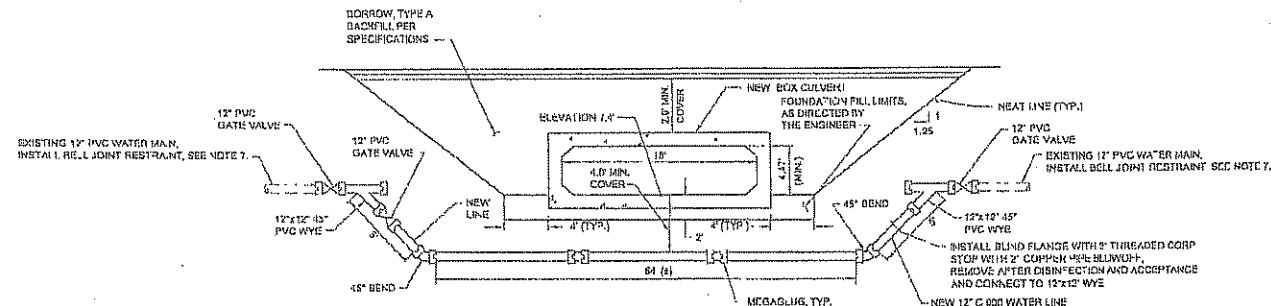
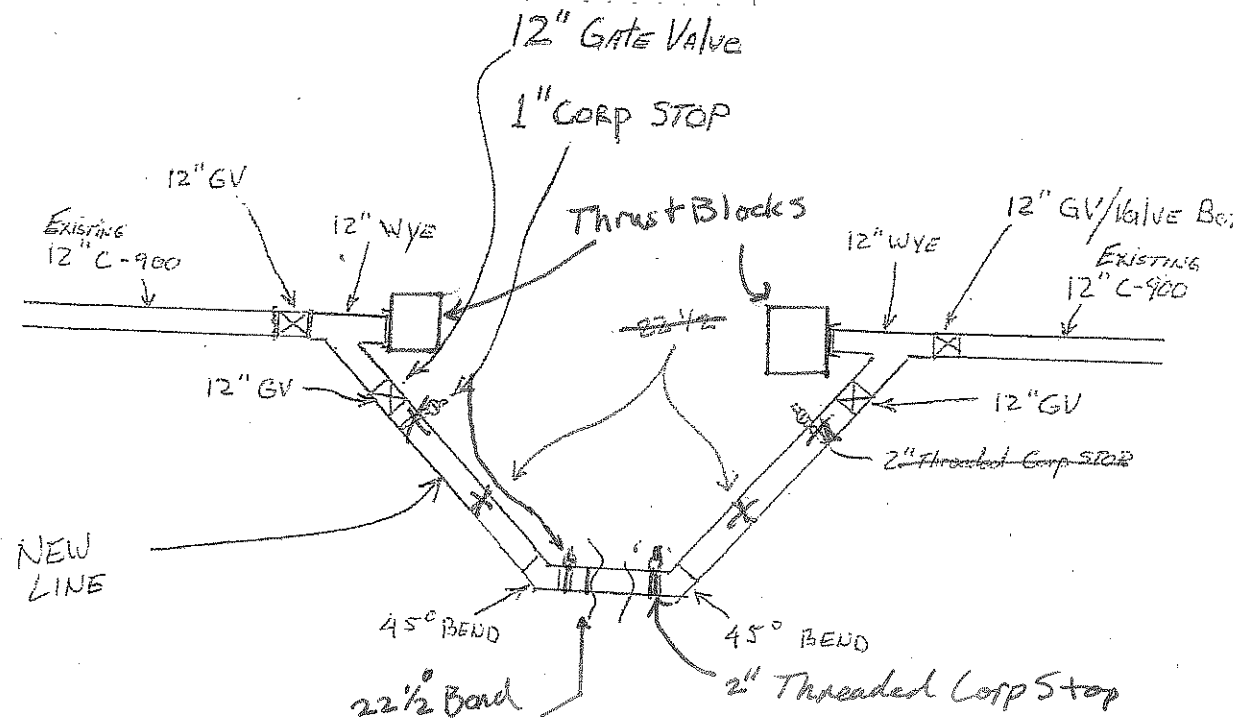
BOX CULVERT TRENCH SECTION AT 8" DIP SEWER FORCED MAIN



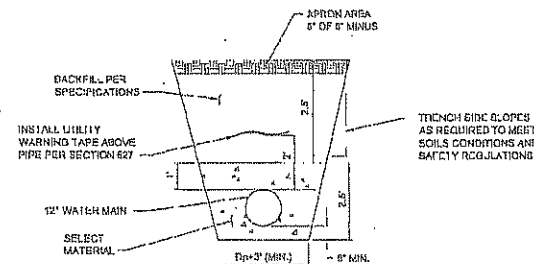
BOX CULVERT TRENCH SECTION AT 8" DIP SEWER FORCED MAIN



8" DIP SEWER FORCED MAIN
LINE RELOCATION TRENCH SECTION



OUTSIDE BOX CULVERT
TRENCH SECTION IN APRON AREA



12" WATER PVC MAIN TRENCH SECTION

- NOTES
1. INSTALL 12" PVC MEGALUGS AT EVERY VALVE, WYE AND PIPE CONNECTION.
 2. INSTALL 12" PVC PIPE AND VALVES PER MANUFACTURER'S INSTRUCTION.
 3. NEW LINE MUST BE INSPECTED AND TESTED PER IAWQ 201-02.
 4. CONTRACTOR NEEDS TO DISCHARGE AND DISPOSE OF EXCESS ILLUMINATED WATER BY A METHOD APPROVED BY THE ENGINEER.
 5. BRACE EXISTING PIPE AS NEEDED TO PREVENT DEFLECTION.
 6. REMOVE EXISTING 12" LINE THAT IS ABOVE GROUND AFTER ENGINEER ACCEPTANCE.
 7. INSTALL BELL JOINT RESTRAINT ON EXISTING PIPE JOINT, MAXIMUM 20' FROM CUT.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE AS Date 3-6-12

PATH:Q:\KLW69319\ENIC3D KLAUOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGN & CORRIS_TYPS.DWG		
STEVENS, DAVID A (DOT)		
TAB: C1	Tue, 13 Jul 2010 - 7:39am	
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

KLW - CAUSEWAY
FISH PASSAGE

CHECKED BY: C. MOREHOUSE

DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

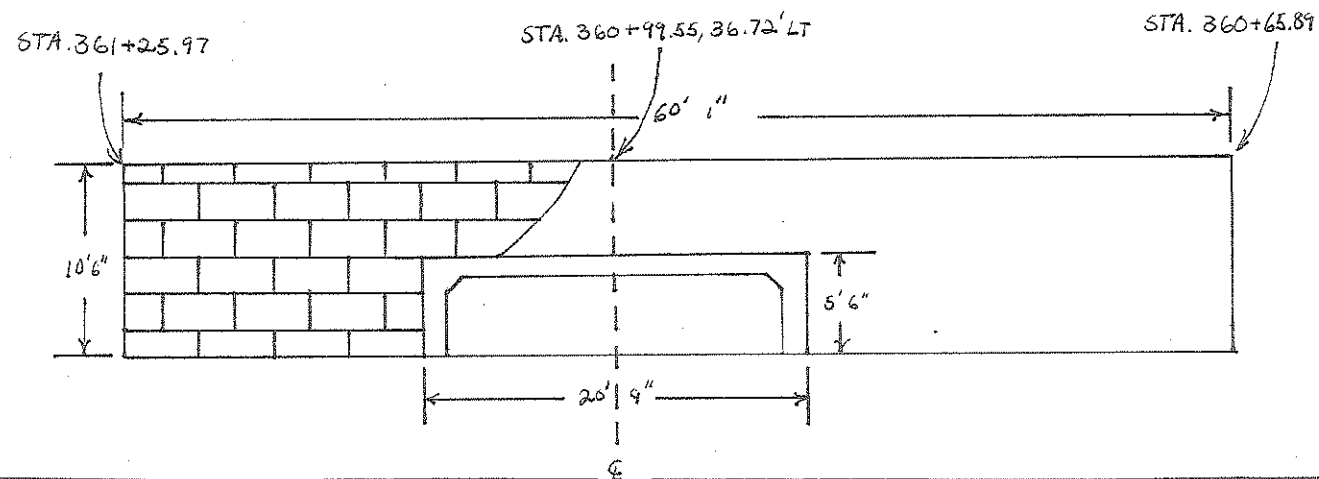
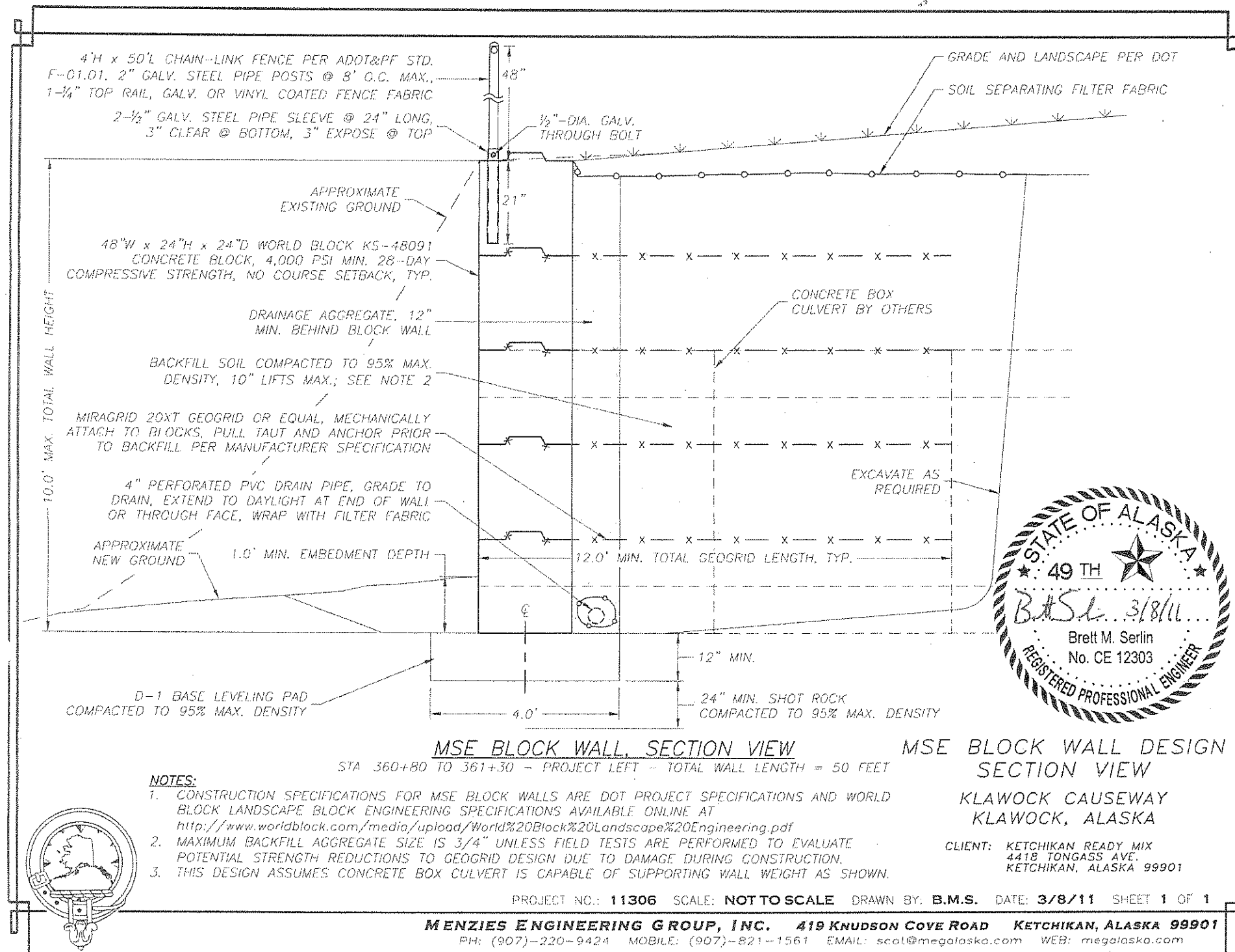
KLW - CAUSEWAY
FISH PASSAGE

ESTIMATE OF
QUANTITIES

PROJECT DESIGNATION
NA09NMF4630301-69319

STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
B2	12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE *[Signature]* Date 3-6-12

PATH: Q:\KLW\69319\ENC30 Klawock Causeway Fish Passage\SOURCE DWG\ALIGN & CORRIE_TYPS.DWG
TAB: C1
STEVENS, DAVID A (DOT)
Tue, 13 Jul 2010 - 7:39am

CHECKED BY: C. MOREHOUSE

DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION
KLW - CAUSEWAY
FISH PASSAGE

**ESTIMATE OF
QUANTITIES**

PROJECT DESIGNATION
NA09NMF4630301~69319

STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
B3	12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

ESTIMATE OF QUANTITIES			
ITEM NO.	PAY ITEM	PAY UNIT	QUANTITY
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	-200
203 (8)	BORROW, TYPE A Deleted by C.O #4	CUBIC YARD	-1,000
205 (4)	EXCAVATION FOR STRUCTURES Deleted by C.O #4	CUBIC YARD	-1,000
205 (2)	COFFERDAM	LUMP SUM	ALL REQ'D
206 (3)	FOUNDATION FILL Deleted by C.O #4	CUBIC YARD	-100
301 (2)	AGGREGATE BASE COURSE, GRADING D1 Deleted by C.O #4	CUBIC YARD	-20
401 (7)	ASPHALT CONCRETE, TYPE B; CLASS II	LUMP SUM	ALL REQ'D
407 (1)	COLD MIX ASPHALT	LUMP SUM	ALL REQ'D
514 (1)	PRE-CAST CONCRETE BOX CULVERT	LUMP SUM	ALL REQ'D
606 (5)	REMOVING AND RECONSTRUCTING GUARDRAIL	LINEAR FOOT	-760
611 (1)	RIPRAP, CLASS II	CUBIC YARD	-165
626 (3)	RELOCATE SEWER FORCE MAIN	LUMP SUM	ALL REQ'D
631 (2)	GEOTEXTILE, EROSION CONTROL, CLASS II	SQUARE YARD	-200
633 (1)	SILT FENCE	LINEAR FOOT	-270
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
641 (3)	TEMPORARY EROSION AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D
641 (4)	TEMPORARY EROSION AND POLLUTION CONTROL AMENDMENTS	CONTINGENT SUM	ALL REQ'D
641 (5)	EROSION, SEDIMENT AND POLLUTION CONTROL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
641 (7)	SILT CONTAINMENT BOOM	LUMP SUM	ALL REQ'D
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQ'D
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D
644 (1)	FIELD OFFICE	LUMP SUM	ALL REQ'D
644 (6)	VEHICLE	LUMP SUM	ALL REQ'D
644 (15)	NUCLEAR SHED	LUMP SUM	ALL REQ'D
660 (7)	TEMPORARY SIGNAL SYSTEM COMPLETE	LUMP SUM	ALL REQ'D
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D
511(1)	Mechanically Stabilized Earth Wall	Lump Sum	All Req'd
	Change Orders		
607(7)	4 Foot Chain Link Fence C.O #1	Lump Sum	All Req'd
627(11)	Relocated Water Main C.O #2	Lump Sum	All Req'd
627(12)	Temporary Water Bypass C.O #2	Lump Sum	All Req'd
626(4)	Additional Force Main Work C.O #3	Lump Sum	All Req'd
626(3)	Temporary Sewer line C.O #3	Lump Sum	All Req'd
203(19)	Borrow, Type A C.O #4	Lump Sum	All Req'd
205(6)	Excavation for structures C.O #4	Lump Sum	All Req'd
205(3)	Foundation fill C.O #4	Lump Sum	All Req'd
201(5)	Aggregate Base Course D1 C.O #4	Lump Sum	All Req'd

212.50

325
146.74

295
139.5

[illegible]

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

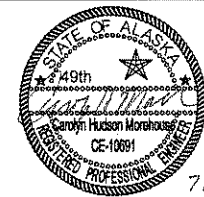
PE [Signature] Date 3-6-12

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

KLW - CAUSEWAY
FISH PASSAGE

ESTIMATE OF QUANTITIES

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

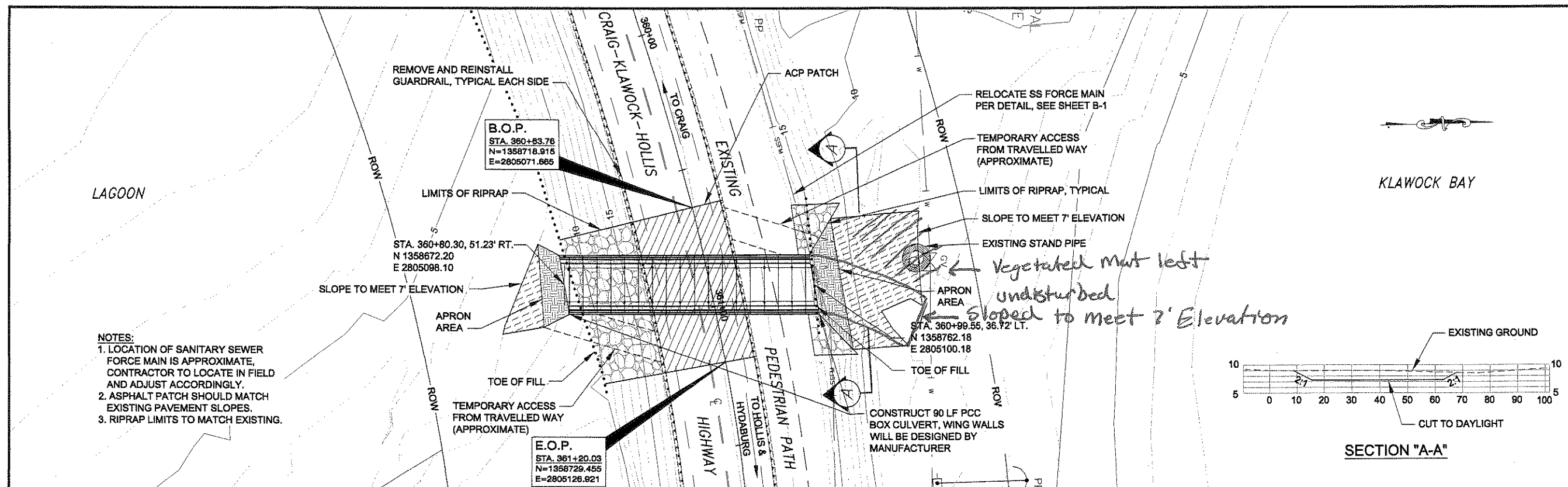
KLW - CAUSEWAY
FISH PASSAGE

ESTIMATE OF QUANTITIES

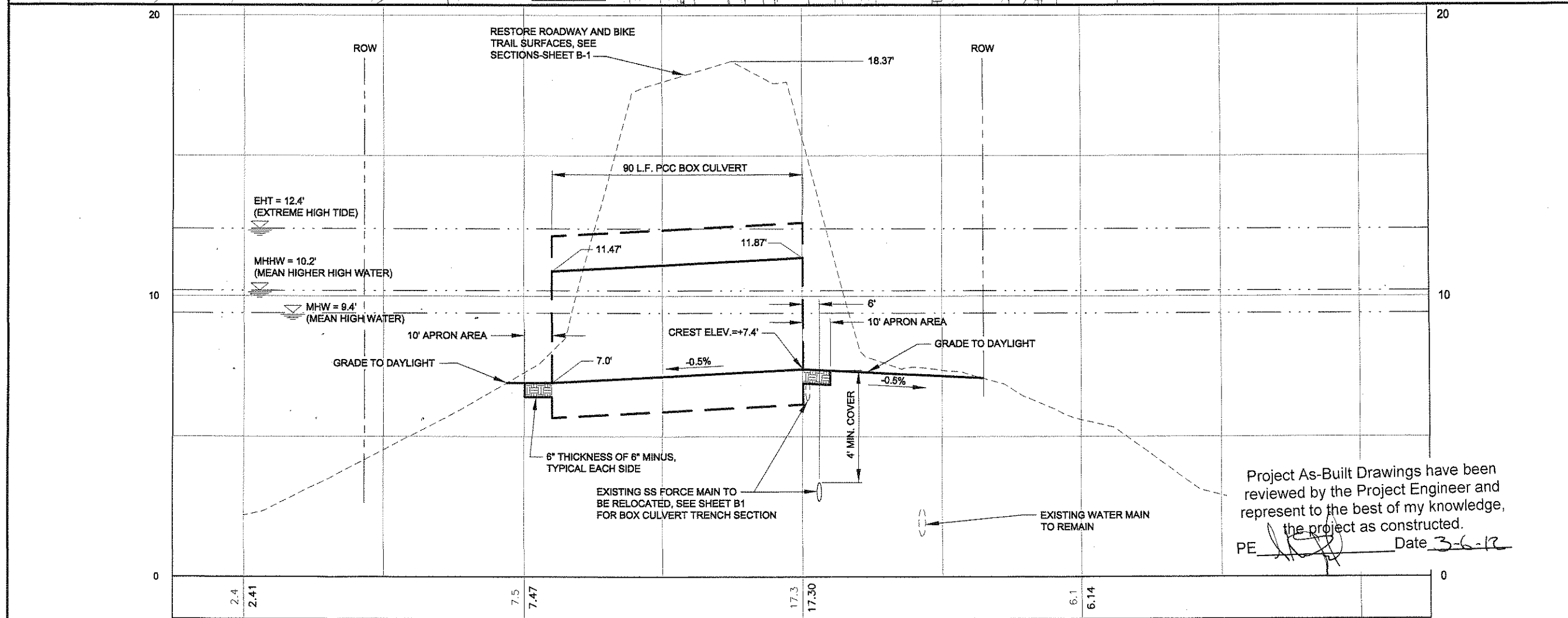
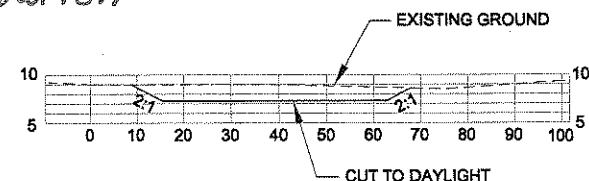
PROJECT DESIGNATION

NA09NMF4630301~69319

STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
C1	12



- NOTES:
1. LOCATION OF SANITARY SEWER FORCE MAIN IS APPROXIMATE, CONTRACTOR TO LOCATE IN FIELD AND ADJUST ACCORDINGLY.
 2. ASPHALT PATCH SHOULD MATCH EXISTING PAVEMENT SLOPES.
 3. RIPRAP LIMITS TO MATCH EXISTING.



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 PE *[Signature]* Date 3-6-12

KLV - CAUSEWAY FISH PASSAGE

PLAN & PROFILE

PATH: Q:\KLW\69319\ENIG3D KLAWOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGN & CORRELATION\T2.DWG

STEVENSON, DAVID A (DOT)

TAB: F1 Monday, July 12, 2010 8:54:18 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: C. MOREHOUSE

DESIGNED BY: D. STEVENSON

DRAWN BY: D. STEVENSON

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

KLW - CAUSEWAY FISH PASSAGE

PLAN & PROFILE

PROJECT DESIGNATION

NA09NMF4630301~69319

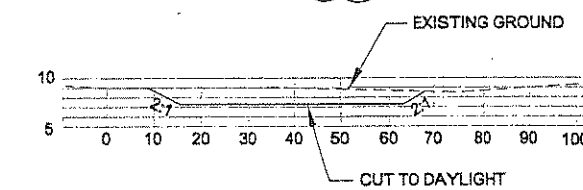
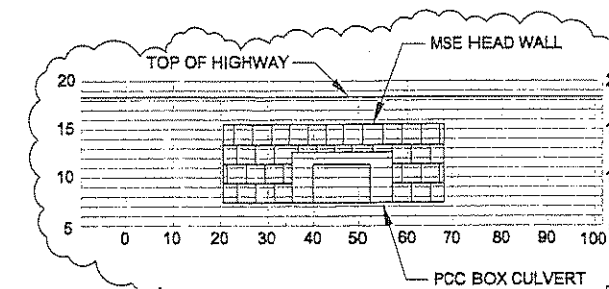
STATE	YEAR
ALASKA	2010

SHEET NUMBER	TOTAL SHEETS
F1	12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Addendum No. 3
Attachment No. 3

KLAWOCK BAY



PATH: Q:\KLW\69310\ENIG3D KLAWOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGNMENT 2 8-11-10.DWG STEVENS, DAVID A (081)		
TAB: F1 Tuesday, August 17, 2010 2:42:16 P		
ADDENDUM NUMBER		
3		
ATTACHMENT NUMBER		
3		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
1	8-11-10	ADDED MSE WING WALL

KLW - CAUSEWAY
FISH PASSAGE

PLAN & PROFILE

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION
KLW - CAUSEWAY
FISH PASSAGE

PLAN & PROFILE

PROJECT DESIGNATION
NA09NMF4630301~69319

STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
F1	9

LAGOON

- NOTES:
1. LOCATION OF SANITARY SEWER FORCE MAIN IS APPROXIMATE, CONTRACTOR TO LOCATE IN FIELD AND ADJUST ACCORDINGLY.
 2. ASPHALT PATCH SHOULD MATCH EXISTING PAVEMENT SLOPES.
 3. RIPRAP LIMITS TO MATCH EXISTING.

REMOVE AND REINSTALL
GUARDRAIL, TYPICAL EACH SIDE

B.O.P.
STA. 360+63.76
N=1358718.916
E=2805071.665

LIMITS OF RIPRAP

STA. 360+80.30, 51.23' RT.
N 1358672.20
E 2805088.10

SLOPE TO MEET 7' ELEVATION

APRON AREA

TOE OF FILL

TEMPORARY ACCESS
FROM TRAVELLED WAY
(APPROXIMATE)

E.O.P.
STA. 361+20.03
N=1358729.455
E=2805126.921

ACP PATCH
MSE HEAD WALL AND MIRAFI 10X
GEOGRID OR EQUAL

RELOCATE SS FORCE MAIN
PER DETAIL, SEE SHEET B-1

TEMPORARY ACCESS
FROM TRAVELLED WAY
(APPROXIMATE)

LIMITS OF RIPRAP, TYPICAL

SLOPE TO MEET 7' ELEVATION

EXISTING STAND PIPE

APRON AREA

STA. 360+99.55, 36.72' LT.
N 1358762.18
E 2805100.18

TOE OF FILL

CONSTRUCT 90' L.F. PCC
BOX CULVERT, WING WALLS
WILL BE DESIGNED BY
MANUFACTURER

RESTORE ROADWAY AND BIKE
TRAIL SURFACES, SEE
SECTIONS-SHEET B-1

MSE HEAD WALL
MIRAFI 10X GEOGRID
OR EQUAL

90 L.F. PCC BOX CULVERT

EHT = 12.4'
(EXTREME HIGH TIDE)

MHHW = 10.2'
(MEAN HIGHER HIGH WATER)

MHW = 9.4'
(MEAN HIGH WATER)

GRADE TO DAYLIGHT

10' APRON AREA

6" THICKNESS OF 6" MINUS,
TYPICAL EACH SIDE

EXISTING SS FORCE MAIN TO
BE RELOCATED, SEE SHEET B1
FOR BOX CULVERT TRENCH SECTION

EXISTING WATER MAIN
TO REMAIN

Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge,
the project as constructed.

PE *[Signature]* Date 3-6-12

360+03.36, 133.01' RT.

360+76.72, 63.30' RT.

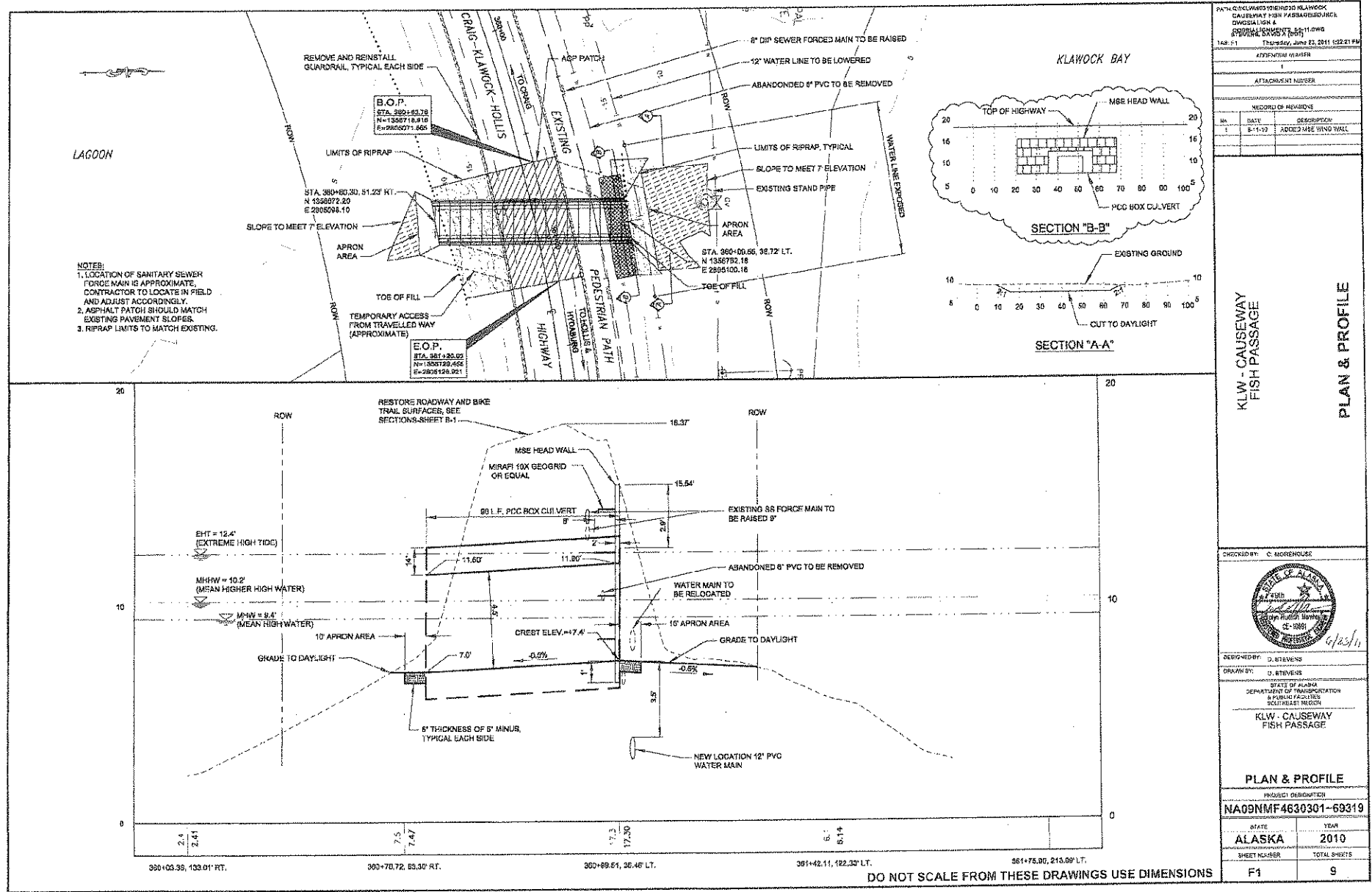
360+99.51, 36.48' LT.

361+42.11, 122.33' LT.

361+75.90, 213.09' LT.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

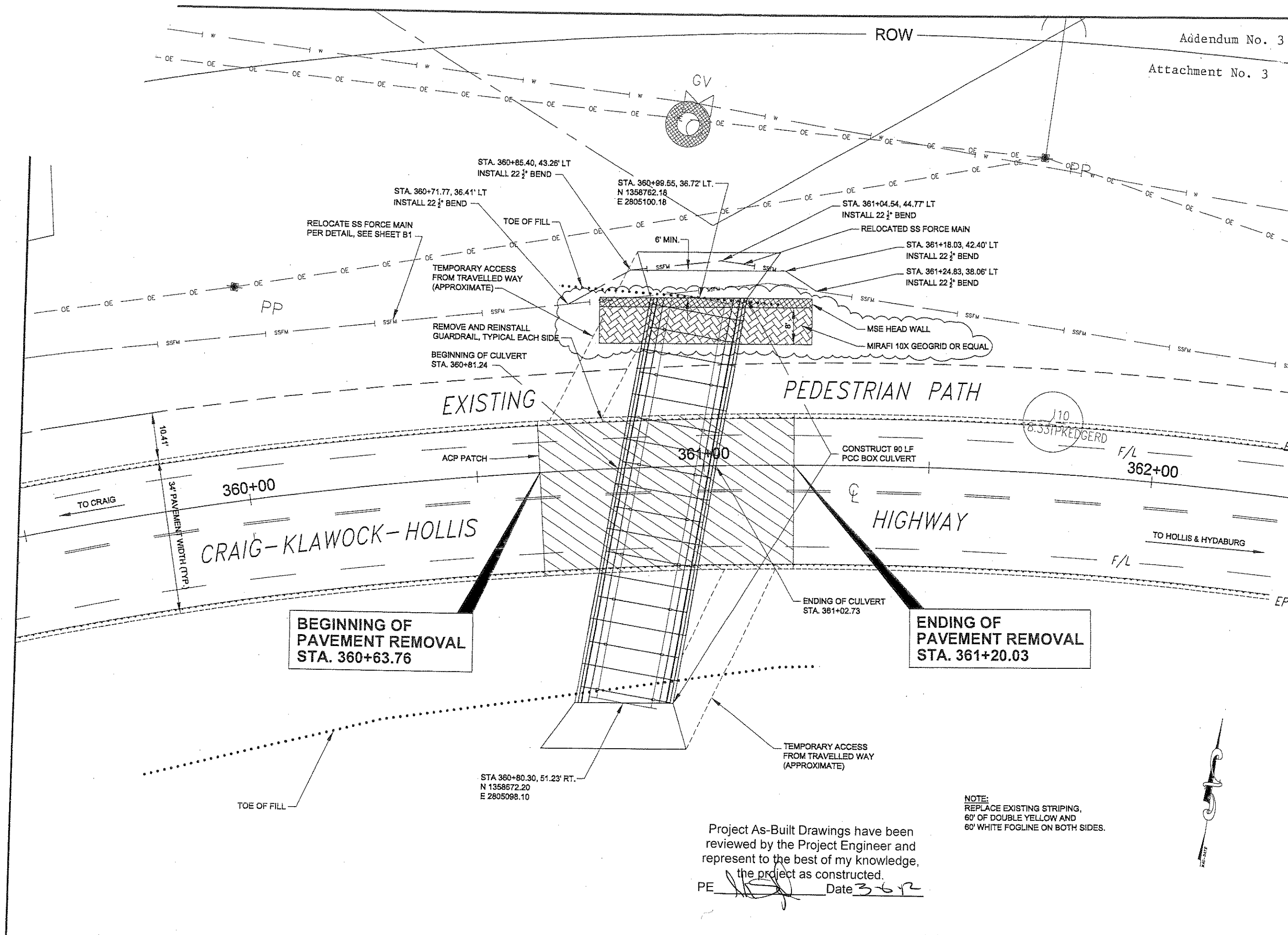
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE [Signature] Date 3-6-12

PATH: Q:\KLW69319\ENIC3D KLAWOOCK CAUSEWAY FISH PASSAGE\SOURCE DWGS\ALIGN & CORRIE_TYPS.DWG		
STEVENS, DAVID A (DOT)		
TAB: C1	Tue, 13 Jul 2010 - 7:39am	
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
KLW - CAUSEWAY FISH PASSAGE		
CHECKED BY: C. MOREHOUSE		
DESIGNED BY: D. STEVENS		
DRAWN BY: D. STEVENS		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION		
KLW - CAUSEWAY FISH PASSAGE		
ESTIMATE OF QUANTITIES		
PROJECT DESIGNATION		
NA09NMF4630301~69319		
STATE	YEAR	
ALASKA	2010	
SHEET NUMBER	TOTAL SHEETS	
F1a	12	



Addendum No. 3

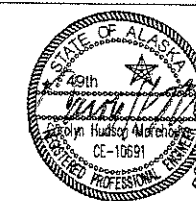
Attachment No. 3

PATH: Q:\KLW\69319\ENR\3D KLA WOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGN & CORR\SEWER PLAN AND PROFILE 8-11-10.DWG STEVENS, DAVID A (DOT)		
TAB: F2 Friday, August 13, 2010 7:47:04 AM		
ADDENDUM NUMBER		
3		
ATTACHMENT NUMBER		
3		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
1	8-11-10	ADDED MSE WING WALL

KLW - CAUSEWAY FISH PASSAGE

PLAN VIEW

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KLW - CAUSEWAY FISH PASSAGE

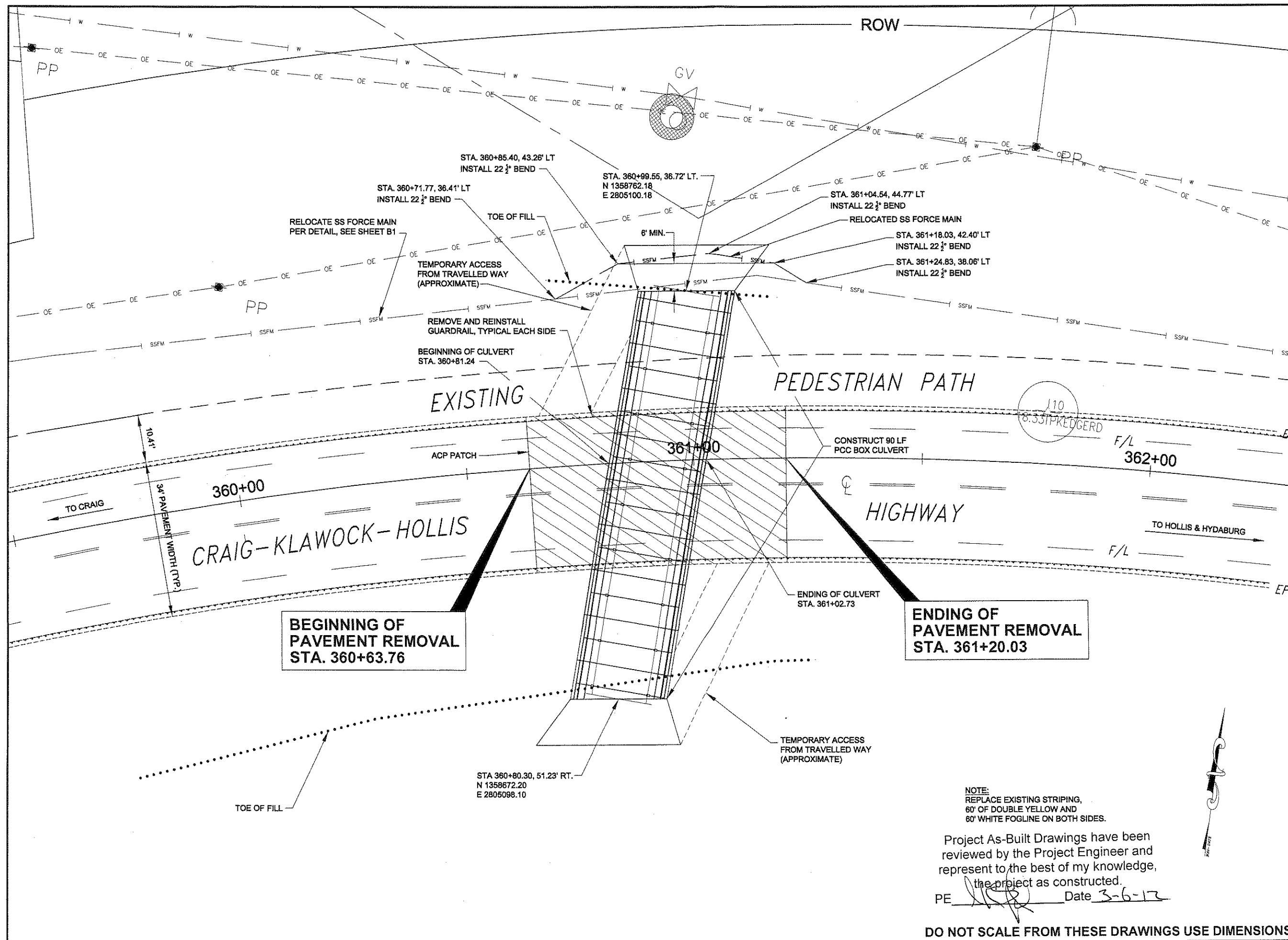
PLAN VIEW

PROJECT DESIGNATION
NA09NMF4630301~69319

STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
F2	9

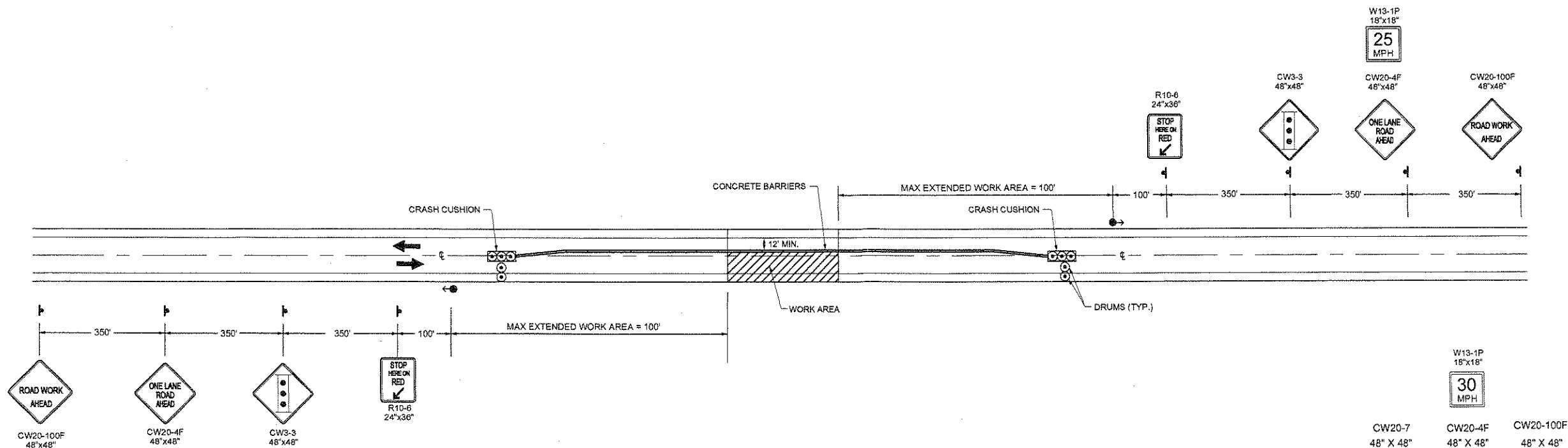
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date *3-6-12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH: Q:\KLW\69319\ENIC3D KLAWOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGN & CORRISEWER PLAN AND PROFILE.DWG STEVENS, DAVID A (DOT) TAB: F2 Monday, July 12, 2010 7:34:06 AM		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
KLV - CAUSEWAY FISH PASSAGE PLAN VIEW		
CHECKED BY: C. MOREHOUSE		
DESIGNED BY: D. STEVENS		
DRAWN BY: D. STEVENS		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION KLV - CAUSEWAY FISH PASSAGE		
PLAN VIEW		
PROJECT DESIGNATION		
NA09NMF4630301~69319		
STATE	YEAR	
ALASKA	2010	
SHEET NUMBER	TOTAL SHEETS	
F2	12	

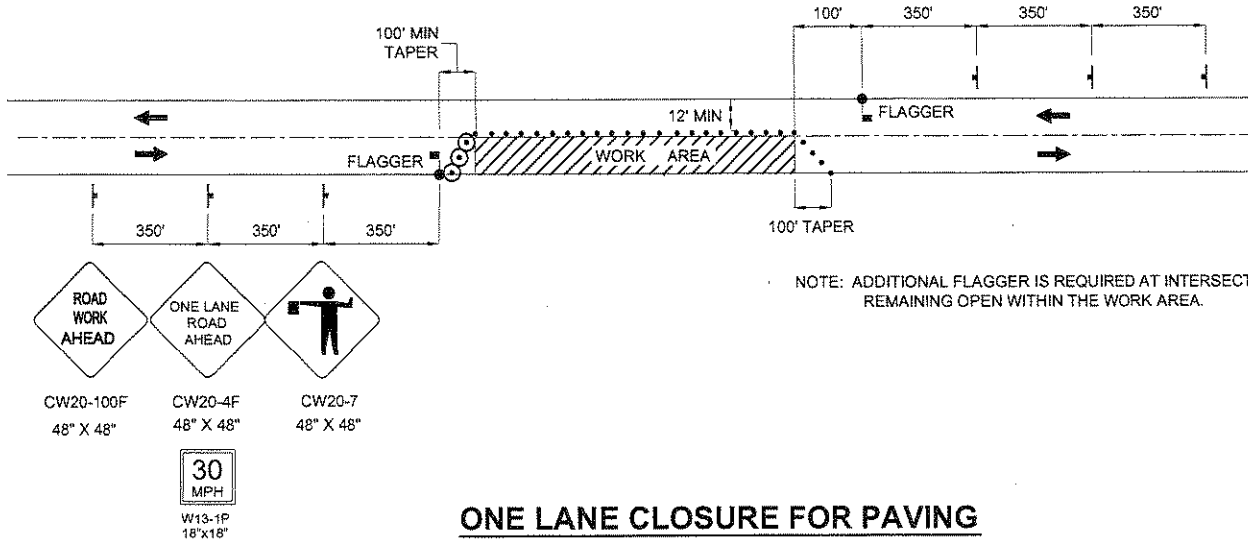
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



ADVANCE WARNING SIGN DETAIL

TRAFFIC CONTROL NOTES

1. MINIMUM OF ONE LANE SHALL REMAIN OPEN AT ALL TIMES IN WORK AREAS.
2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'-0".
3. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED.
4. WARNING LIGHTS SHALL BE USED TO MARK BARRICADES, PORTABLE BARRIERS OR ANY OTHER CHANNELIZING DEVICE AT NIGHT AS DIRECTED BY THE ENGINEER. THE FIRST DEVICE FACING THE DIRECTION OF TRAFFIC SHALL BE EQUIPPED WITH A FLASHING WARNING LIGHT, ALL OTHERS SHALL BE EQUIPPED WITH STEADY-BURN WARNING LIGHTS.
5. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. PLANS FOR CONFIGURATIONS NOT COVERED BY THE TCP SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE DETAILS FROM THESE SHEETS.
6. ALL TRAFFIC CONTROL PLANS SUBMITTED BY THE CONTRACTOR SHALL BE NUMBERED. ALL TRAFFIC CONTROL PLANS THAT USE A TYPICAL APPLICATION AS DESCRIBED IN THE MUTCD SHALL REFERENCE THE TYPICAL APPLICATION. EXAMPLE: TCP 3, MUTCD TA-10.
7. THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE ENGINEER PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, AND CHANGES IN LANE CONFIGURATIONS.
8. DELAY OF TRAFFIC MUST BE 3 MINUTES OR LESS.
9. BICYCLE AND PEDESTRIAN TRAFFIC SHALL BE ACCOMMODATED.
10. THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE PROJECT TO EMERGENCY VEHICLES AT ALL TIMES. EMERGENCY VEHICLES INCLUDE PERSONAL VEHICLES OF FIRST RESPONDERS.
11. USE EXTENDED WORK AREA TO ACCOMMODATE STORAGE OF CULVERT AND STAGING OF CONSTRUCTION EQUIPMENT.
12. TEMPORARY SIGNAL CONTROLS WILL BE COVERED UP OR REMOVED WHEN THEY ARE NOT IN USE.
13. THE CONTRACTOR WILL MAKE AN EFFORT TO MAINTAIN TWO LANES OF TRAFFIC. EACH LANE MUST HAVE A MINIMUM LANE WIDTH OF 10' OR THE CONTRACTOR CAN SUBSTITUTE A SINGLE LANE CLOSURE USING A TEMPORARY TRAFFIC SIGNAL OR FLAGGERS DEPENDING ON DURATION.
14. END TREATMENT OF CONCRETE BARRIER SHALL MEET NCHRP 350 TEST LEVEL 2.
15. TAPER CONCRETE BARRIER 1:10 RATIO TO ALLOW FOR CRASH CUSHION.



NOTE: ADDITIONAL FLAGGER IS REQUIRED AT INTERSECTIONS REMAINING OPEN WITHIN THE WORK AREA.

ONE LANE CLOSURE FOR PAVING

LEGEND

- CRASH CUSHION
- TEMPORARY SIGNAL
- FLAGGER
- CONSTRUCTION SIGN
- DRUMS
- CONCRETE BARRIER
- WORK AREA

S = POSTED SPEED LIMIT = 25 MPH
DRUM OR CONE SPACING = 25' (IN FEET)

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE *[Signature]* Date *3-6-12*

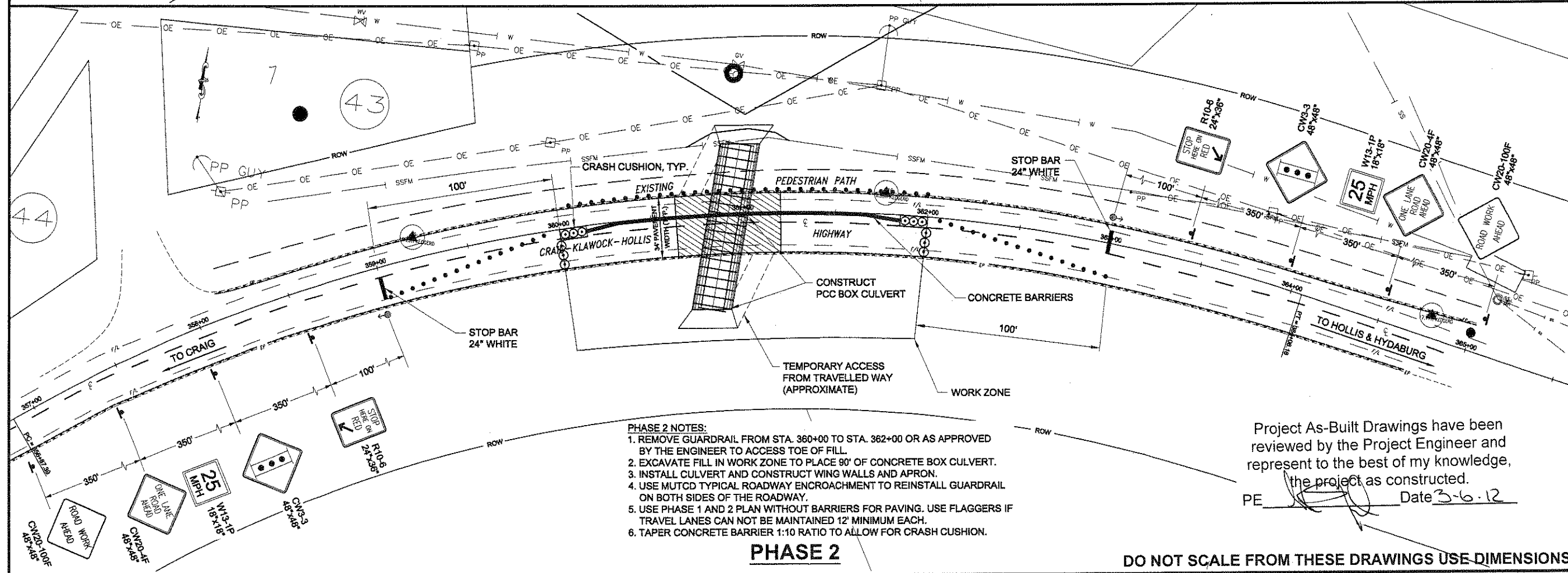
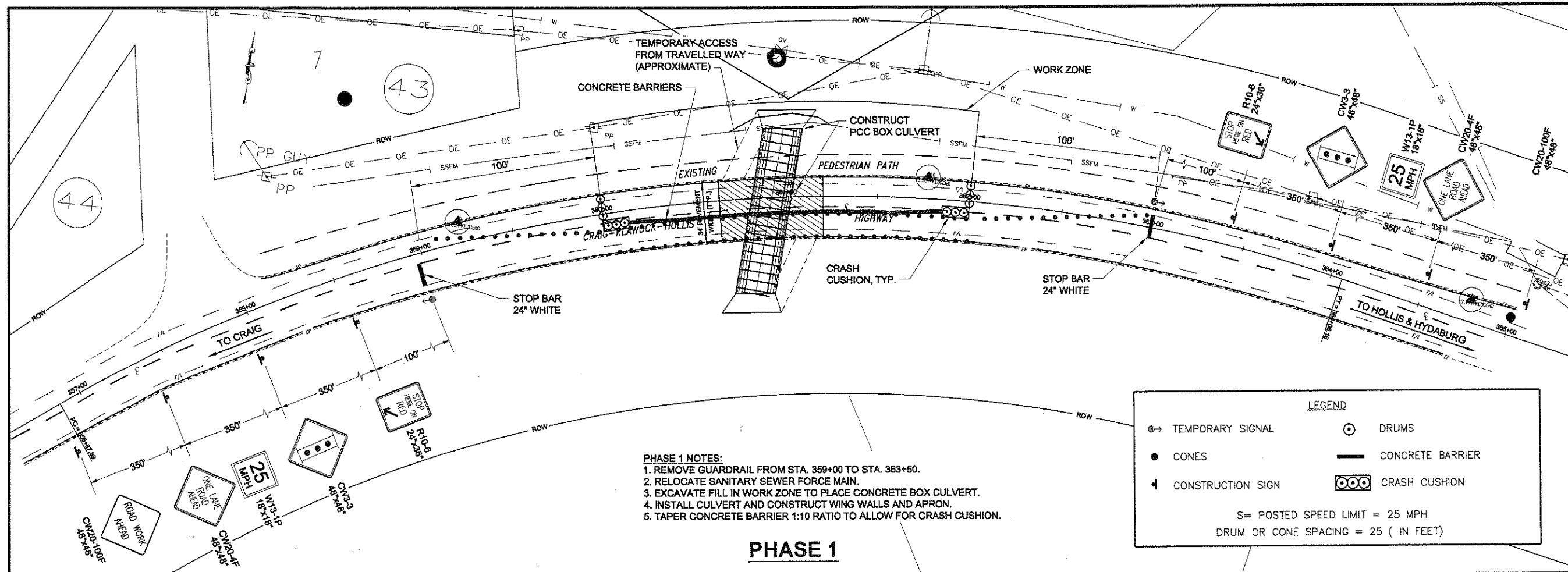
KLW - CAUSEWAY FISH PASSAGE

TRAFFIC CONTROL PLAN

CHECKED BY: C. MOREHOUSE

DESIGNED BY: D. STEVENS
DRAWN BY: D. STEVENS
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION
KLW - CAUSEWAY FISH PASSAGE

TRAFFIC CONTROL PLAN	
PROJECT DESIGNATION	
NA09NMF4630301-69319	
STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
S1	12



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE *[Signature]* Date 3-6-12

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\KLW\69319\ENIC3D KLA WOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGN & CORSEWER PLAN AND PROFILE.DWG
 STEVENS, DAVID A (DOT)
 TAB: S2 Friday, July 06, 2010 11:03:10 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

KLW - CAUSEWAY FISH PASSAGE

TRAFFIC CONTROL PLAN

CHECKED BY: C. MOREHOUSE

DESIGNED BY: C. MOREHOUSE

DRAWN BY: D. STEVENS

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 SOUTHEAST REGION

KLW - CAUSEWAY FISH PASSAGE

TRAFFIC CONTROL PLAN

PROJECT DESIGNATION

NA09NMF4630301~69319

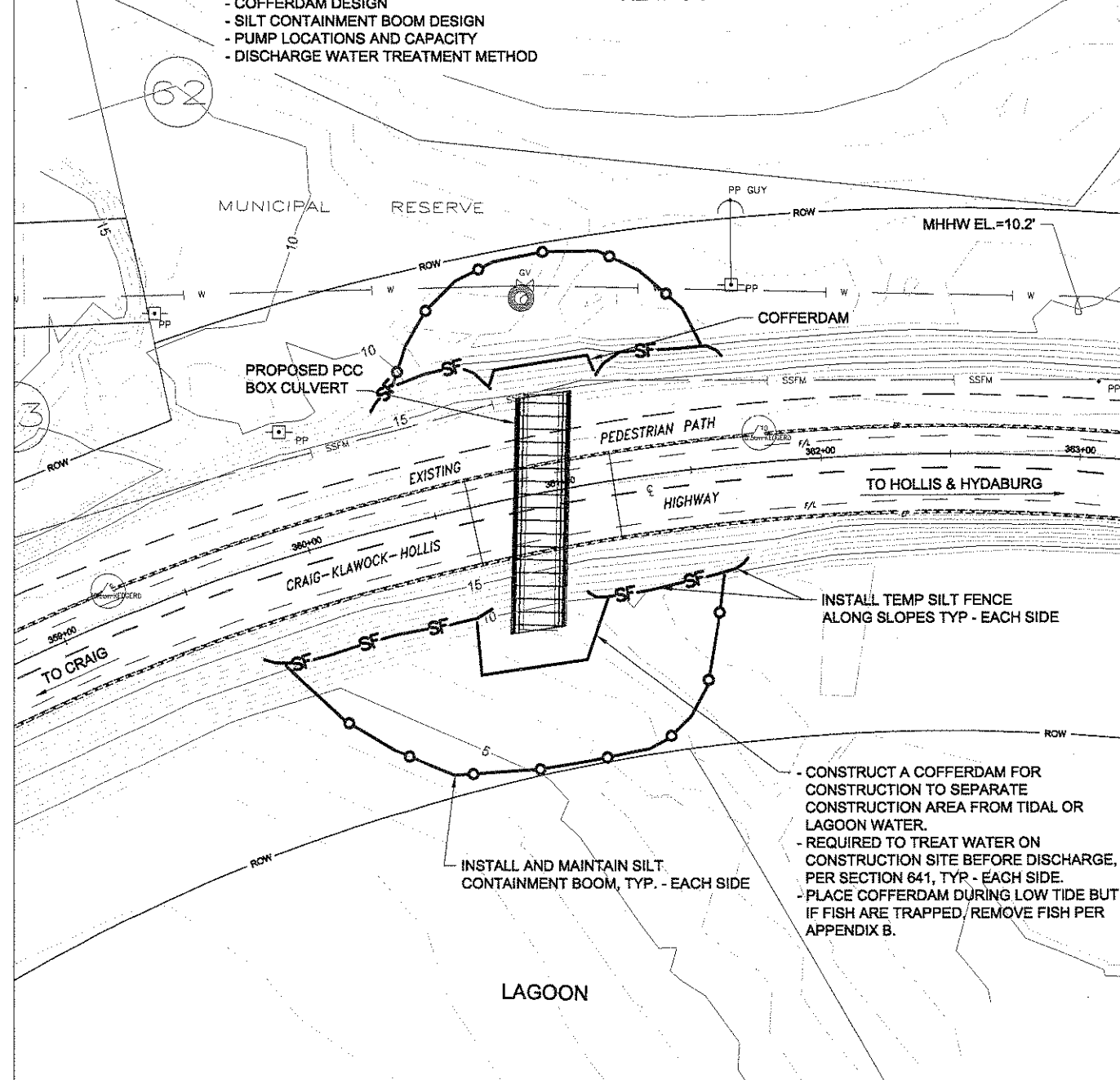
STATE	YEAR
ALASKA	2010

SHEET NUMBER	TOTAL SHEETS
S2	12

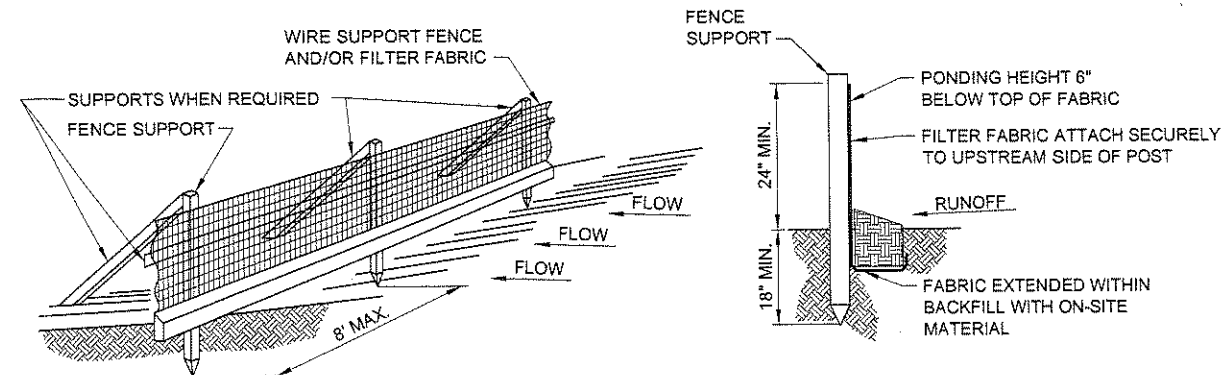
ESCP GENERAL NOTES:

1. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR ENVIRONMENTAL COMMITMENTS AND PERMITS.
2. MAINTAIN DEVICES AND MONITOR DAILY.
3. IF INSPECTION REVEALS TURBID WATER IS DISCHARGING BEYOND THE PROJECT WORK LIMITS, IMMEDIATELY IMPLEMENT CORRECTIVE ACTION.
4. STABILIZE DISTURBED GROUND AS SOON AS POSSIBLE.
5. BEFORE GROUND DISTURBING ACTIVITIES, INCLUDING EXCAVATION OR EMBANKMENT WORK, THE CONTRACTOR SHALL INSTALL A SILT CONTAINMENT BOOM AND COFFERDAM TO ISOLATE THE WORK SITE. THE BOOM SHALL COMPLETELY CONTAIN THE AREA OF WORK DURING ALL EXCAVATION AND EMBANKMENT ACTIVITIES.
6. THE HORIZONTAL ALIGNMENT AND LENGTH OF THE SILT BOOM AND COFFERDAM SHOWN ON THIS SHEET IS APPROXIMATE ONLY. THE CONTRACTOR MAY UTILIZE ANY REASONABLE ALIGNMENT AND LENGTH SUCH THAT THE AREA OF WORK REMAINS ENCLOSED.
7. THE BOOM AND COFFERDAM SHALL BE MAINTAINED 24 HOURS PER DAY BY THE CONTRACTOR AND UPON REMOVAL, SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AND PROPERLY DISPOSED OF.
8. THE BOOM AND COFFERDAM SHALL REMAIN IN PLACE UNTIL ALL EARTH DISTURBING ACTIVITIES ARE COMPLETE AND WATER QUALITY IS DEEMED ACCEPTABLE BY THE ENGINEER.
9. WATER PUMPED OUT OF COFFERDAM AREA MUST BE TREATED TO MEET ALASKA WATER QUALITY STANDARDS BEFORE DISCHARGE TO A WATER OF THE U.S.
10. HEAVY EQUIPMENT OPERATION ON TIDAL AREA MUST BE PERFORMED ON MATS.
11. SUBMIT WORK PLAN FOR APPROVAL BY ENGINEER INCLUDING:
 - PHASING OF CONSTRUCTION
 - CONSTRUCTION ACCESS LOCATION
 - COFFERDAM DESIGN
 - SILT CONTAINMENT BOOM DESIGN
 - PUMP LOCATIONS AND CAPACITY
 - DISCHARGE WATER TREATMENT METHOD

KLAWOCK BAY



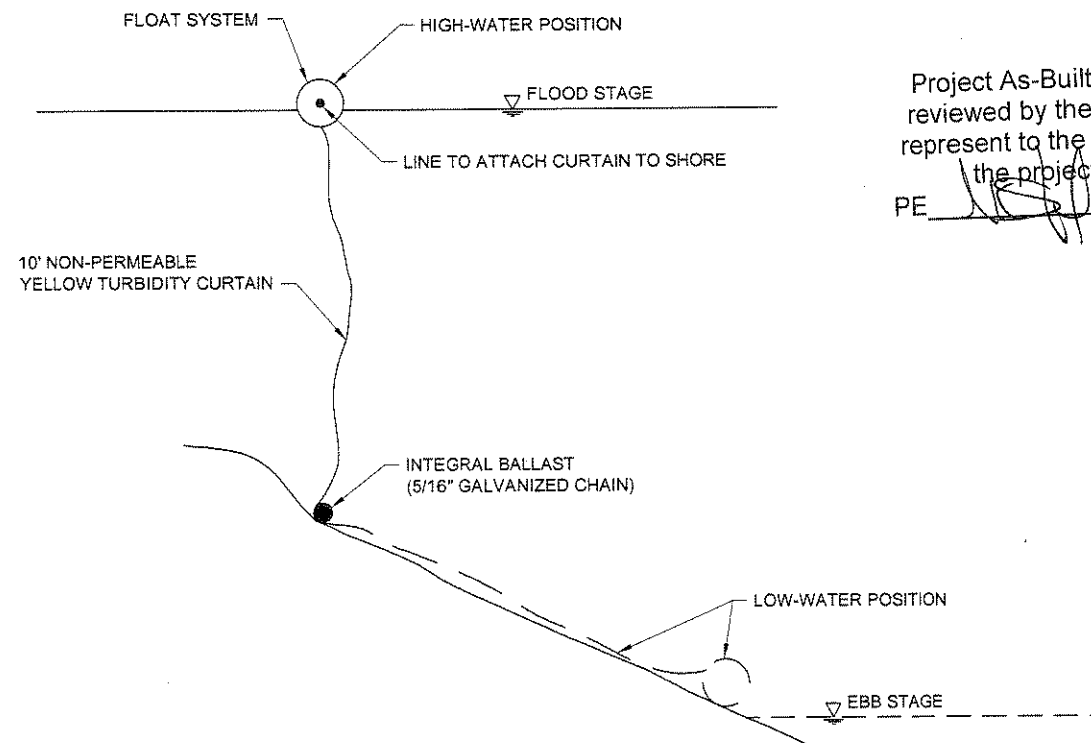
- CONSTRUCT A COFFERDAM FOR CONSTRUCTION TO SEPARATE CONSTRUCTION AREA FROM TIDAL OR LAGOON WATER.
- REQUIRED TO TREAT WATER ON CONSTRUCTION SITE BEFORE DISCHARGE, PER SECTION 641, TYP - EACH SIDE.
- PLACE COFFERDAM DURING LOW TIDE BUT IF FISH ARE TRAPPED, REMOVE FISH PER APPENDIX B.



TRENCH SUPPORT DETAIL

TEMPORARY SILT FENCE DETAILS

N.T.S.



SILT CONTAINMENT BOOM ELEVATION

N.T.S.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE [Signature] Date 3-6-12

PATH: Q:\KLW69319\ENIC3D KLAWOCK CAUSEWAY FISH PASSAGE\SOURCE DWG\ALIGN & CORR\ESCP PLAN.DWG

STEVENSON, DAVID A (DOT)

TAB: T1 Monday, July 12, 2010 9:04:55 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

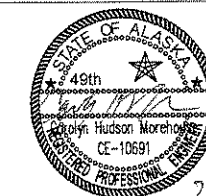
RECORD OF REVISIONS

No	DATE	DESCRIPTION

KLW - CAUSEWAY FISH PASSAGE

EROSION AND SEDIMENT CONTROL

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. STEVENS

DRAWN BY: D. STEVENS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

KLW - CAUSEWAY FISH PASSAGE

EROSION AND SEDIMENT CONTROL

PROJECT DESIGNATION
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