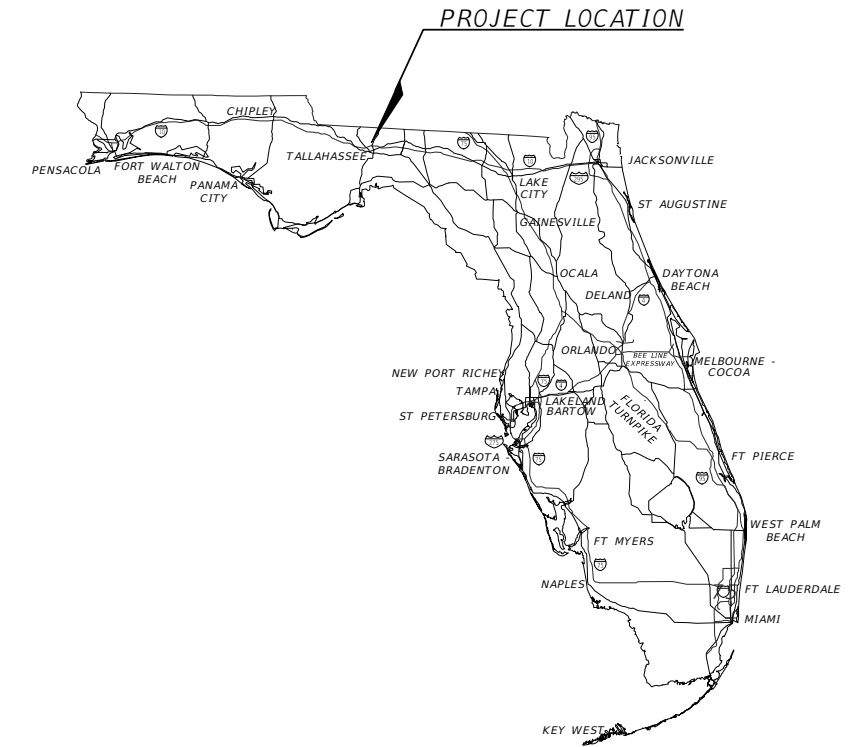COMPONENTS OF PLAN
SET-BRIDGE PLANS

COUNTY ROAD 259
OVER SCL RAILROAD
BRIDGE REPAIR PLANS
BR #540062

BOARD OF COUNTY COMMISSIONERS
JEFFERSON COUNTY, FLORIDA

FINANCIAL PROJECT ID
449303-1-54-01

PROJECT LOCATION

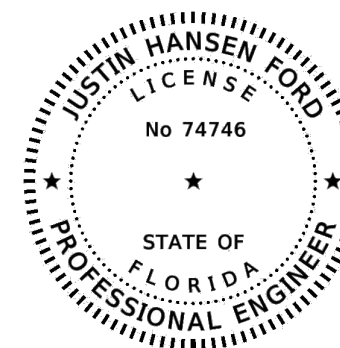End of Project
CR 259
STA. 02+98.22

Beginning of Project
CR 259
STA. 00+00.00

100% PLANS

ENGINEER OF RECORD:

JUSTIN HANSEN FORD, P.E.
P.E. NO.: 74746
DEWBERRY ENGINEERS INC.
20684 CENTRAL AVE. E
BLOUNTSTOWN, FL 32424

CERTIFICATE OF AUTHORIZATION NO.: 00008794

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2021-22 Standard plans for
Road and Bridge Construction and applicable Interim Revisions (Irs).

Standard Plans for Road Construction and associated Irs are available at
the following website:
http://www.fdot.gov/design/Standardplans.shtm

JUSTIN HANSEN FORD
LICENSE
No 74746
★ ★
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DEI PROJECT NO.	FISCAL YEAR	SHEET NO.
50152272	2022	1

N:\50152272 CR 259 SCL Bridge Repair\Production\KEYSHEET.dwg

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY TOTAL	UNIT
101-1	MOBILIZATION	1	LS
102-1	MAINTENACE OF TRAFFIC	1	LS
110-1-1	CLEARING AND GRUBBING	1	LS
120-2-2	BORROW EXCAVATION	25	CY
121-70	FLOWABLE FILL	35	CY
305-1	BITUMINOUS CRACK AND JOINT SEALING FOR ASPHALTIC CONCRETE ROADWAY	220	LF
339-1	MISCELLANEOUS ASPHALT PAVEMENT	10	TN
350-72	CLEANING AND RESEALING JOINTS – EXISTING CONCRETE PAVEMENT	220	LF
458-1-21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	220	LF
525-1	ASPHALTIC CONCRETE CURB (GUARDRAIL BERM)	48	LF
536-73	GUARDRAIL REMOVAL	36	LF
536-1-1	GUARDRAIL ROADWAY, GEN TL-3	36	LF
570-1-1	PERFORMANCE TURF	150	SY
570-1-2	PERFORMANCE TURF, SOD	40	SY

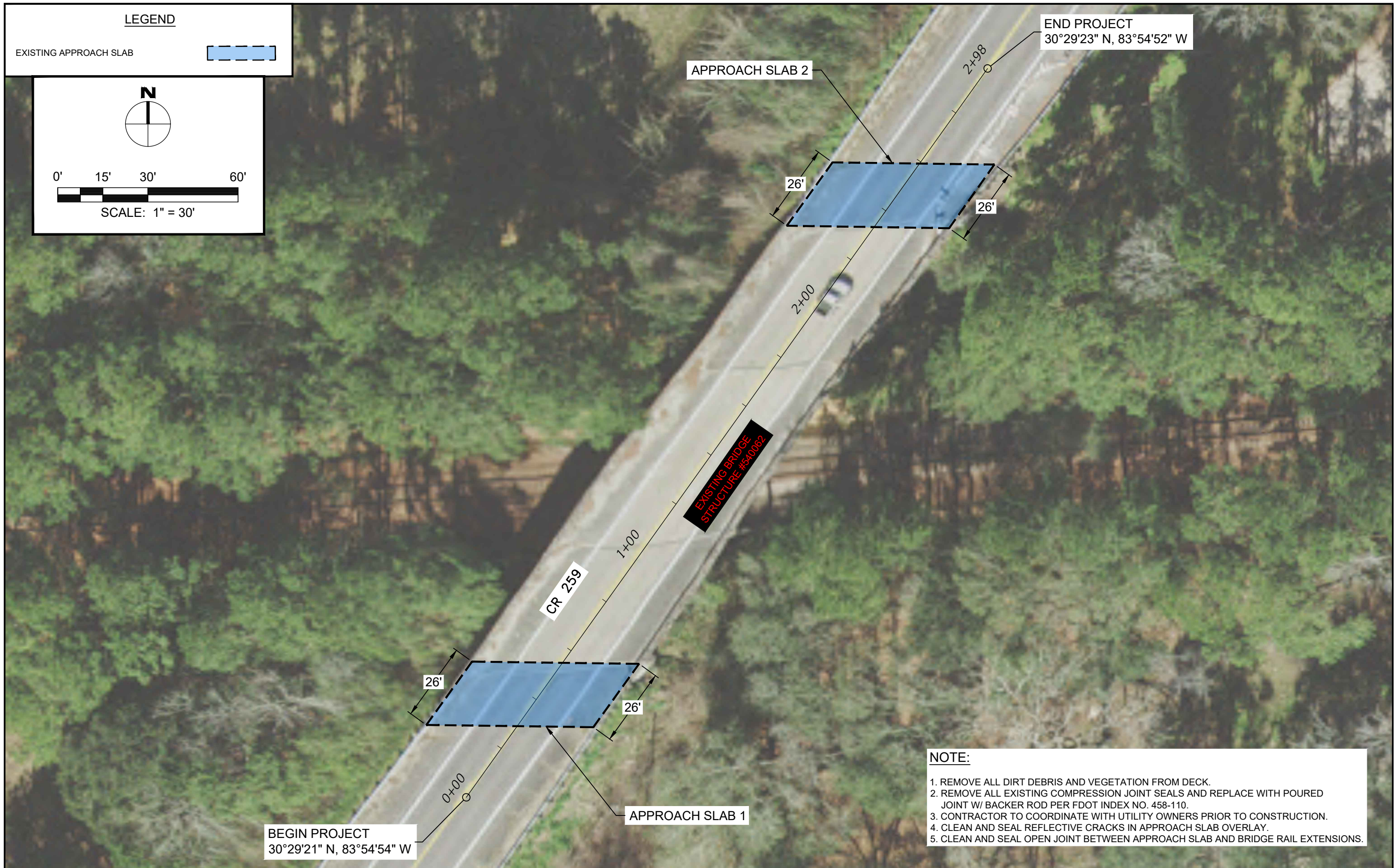| R E V I S I O N S				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	
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JUSTIN HANSEN FORD, P.E.
P.E. LICENSE NUMBER 74746
DEWBERRY
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BLOUNTSTOWN, FL 32424
CERTIFICATE OF AUTHORIZATION 00008794

CR 259 – OVER SCL RAILROAD
BRIDGE REPAIR PLANS

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 259	JEFFERSON	449303-1-54-01

SUMMARY OF QUANTITIES

2

N:\50152272 CR 259 SCL Bridge Repair\Production\KEYSHEET.dwg

END PROJECT
30°29'23" N, 83°54'52" W

APPROACH SLAB 2

2+98

26'

26'

2+00

EXISTING BRIDGE STRUCTURE #540062

1+00

CR 259

0+00

APPROACH SLAB 1

BEGIN PROJECT
30°29'21" N, 83°54'54" W

26'

26'

NOTE:

1. REMOVE ALL DIRT DEBRIS AND VEGETATION FROM DECK.
2. REMOVE ALL EXISTING COMPRESSION JOINT SEALS AND REPLACE WITH POURED JOINT W/ BACKER ROD PER FDOT INDEX NO. 458-110.
3. CONTRACTOR TO COORDINATE WITH UTILITY OWNERS PRIOR TO CONSTRUCTION.
4. CLEAN AND SEAL REFLECTIVE CRACKS IN APPROACH SLAB OVERLAY.
5. CLEAN AND SEAL OPEN JOINT BETWEEN APPROACH SLAB AND BRIDGE RAIL EXTENSIONS.

REVISIONS								
DATE	DESCRIPTION	DATE	DESCRIPTION					
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JUSTIN HANSEN FORD, P.E.
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DEWBERRY
20684 CENTRAL AVENUE EAST
BLOUNTSTOWN, FL 32424
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CR 259 – OVER SCL RAILROAD
BRIDGE REPAIR PLANS

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 259	JEFFERSON	449303-1-54-01

BRIDGE REPAIR PLAN
OVERALL PLAN VIEW

SHEET NO.

3

N:\50152272 CR 259 SCL Bridge Repair\Production\SITE PLAN.dwg

LEGEND

EXISTING APPROACH SLAB

N

| 0' | 5' | 10' | 20' |

SCALE: 1" = 10'

CR 259

CONTRACTOR SHALL FORM THE FRONT SIDE OF THE VOID ALONG THE EDGE OF THE ROADWAY. CORE THE ROADWAY ABOVE THE VOID AND FILL WITH APPROXIMATELY 1 CY OF CONCRETE GROUT.

26'

26'

CONTRACTOR SHALL FORM THE FRONT SIDE OF THE VOID ALONG THE EDGE OF THE ROADWAY. CORE THE ROADWAY ABOVE THE VOID AND FILL WITH APPROXIMATELY 1 CY OF CONCRETE GROUT.

26'

3'

2'

APPROACH SLAB 1

CLEAN AREA OF SETTLEMENT AND PATCH WITH HOT MIX ASPHALT UNTIL FLUSH WITH SURROUNDING GRADE.

0+00

BEGIN PROJECT

NOTE:

1. REMOVE ALL DIRT DEBRIS AND VEGETATION FROM DECK.
2. REMOVE ALL EXISTING COMPRESSION JOINT SEALS AND REPLACE WITH POURED JOINT W/ BACKER ROD PER FDOT INDEX NO. 458-110.
3. CONTRACTOR TO COORDINATE WITH UTILITY OWNERS PRIOR TO CONSTRUCTION.
4. CLEAN AND SEAL REFLECTIVE CRACKS IN APPROACH SLAB OVERLAY.
5. CLEAN AND SEAL OPEN JOINT BETWEEN APPROACH SLAB AND BRIDGE RAIL EXTENSIONS.

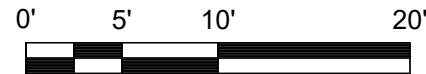| REVISIONS							
DATE	DESCRIPTION	DATE	DESCRIPTION				
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JUSTIN HANSEN FORD, P.E.
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BLOUNTSTOWN, FL 32424
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CR 259 – OVER SCL RAILROAD
BRIDGE REPAIR PLANS

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 259	JEFFERSON	449303-1-54-01

BRIDGE REPAIR PLAN
APPROACH SLAB 1

SHEET NO.

4

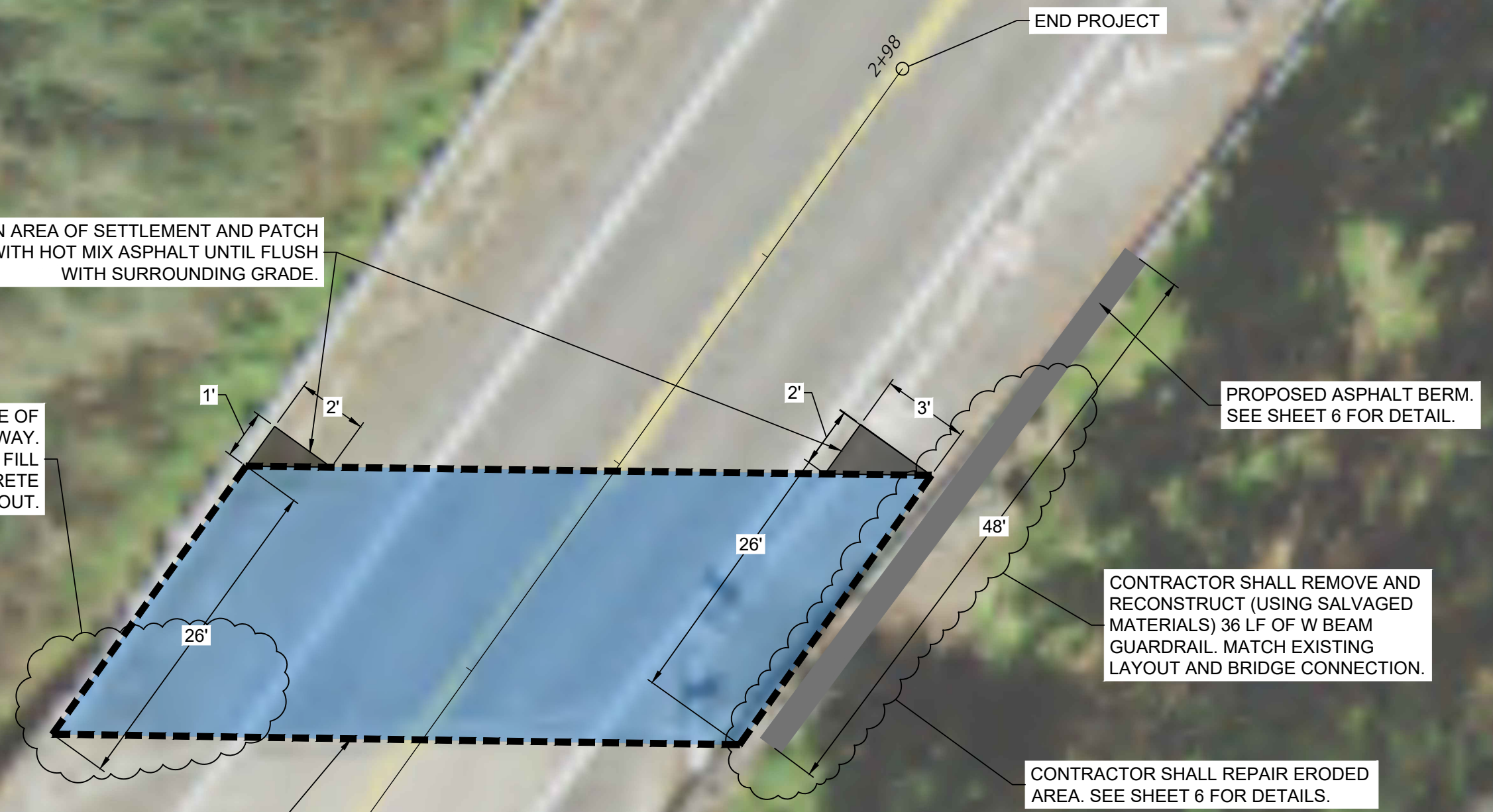N:\50152272 CR 259 SCL Bridge Repair\Production\SITE PLAN.dwg

N

SCALE: 1" = 10'
0'   5'   10'   20'

END PROJECT

2+98

CLEAN AREA OF SETTLEMENT AND PATCH
WITH HOT MIX ASPHALT UNTIL FLUSH
WITH SURROUNDING GRADE.

CONTRACTOR SHALL FORM THE FRONT SIDE OF
THE VOID ALONG THE EDGE OF THE ROADWAY.
CORE THE ROADWAY ABOVE THE VOID AND FILL
WITH APPROXIMATELY 10 CY OF CONCRETE
GROUT.

PROPOSED ASPHALT BERM.
SEE SHEET 6 FOR DETAIL.

1'   2'   2'   3'

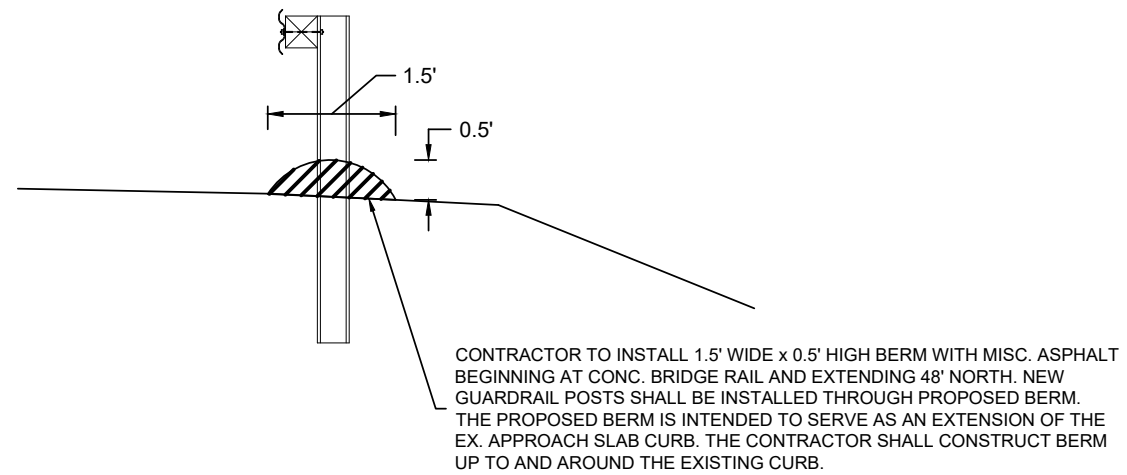26'   48'

26'

CONTRACTOR SHALL REMOVE AND
RECONSTRUCT (USING SALVAGED
MATERIALS) 36 LF OF W BEAM
GUARDRAIL. MATCH EXISTING
LAYOUT AND BRIDGE CONNECTION.

CONTRACTOR SHALL REPAIR ERODED
AREA. SEE SHEET 6 FOR DETAILS.

APPROACH SLAB 2

NOTE:

1. REMOVE ALL DIRT DEBRIS AND VEGETATION FROM DECK.
2. REMOVE ALL EXISTING COMPRESSION JOINT SEALS AND REPLACE WITH POURED
   JOINT W/ BACKER ROD PER FDOT INDEX NO. 458-110.
3. CONTRACTOR TO COORDINATE WITH UTILITY OWNERS PRIOR TO CONSTRUCTION.
4. CLEAN AND SEAL REFLECTIVE CRACKS IN APPROACH SLAB OVERLAY.
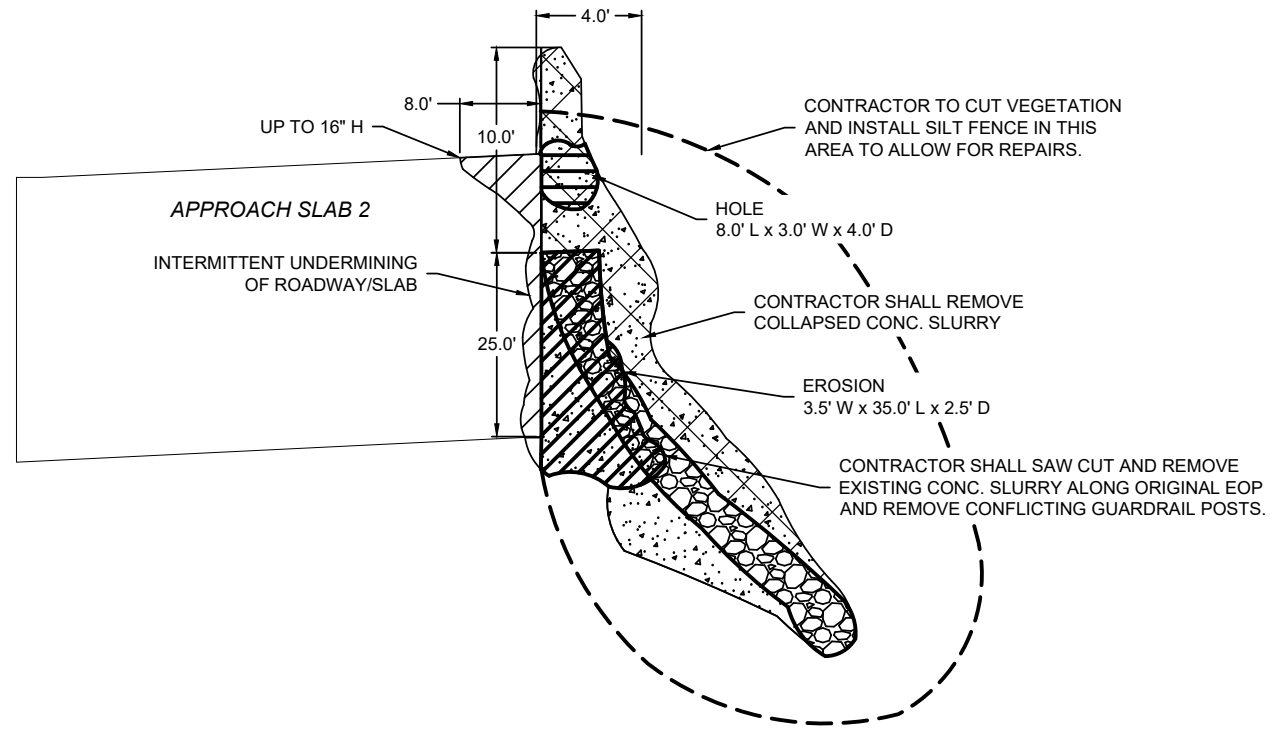5. CLEAN AND SEAL OPEN JOINT BETWEEN APPROACH SLAB AND BRIDGE RAIL EXTENSIONS.

REVISIONS						
DATE	DESCRIPTION		DATE	DESCRIPTION		
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JUSTIN HANSEN FORD, P.E.
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BLOUNTSTOWN, FL 32424
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CR 259 - OVER SCL RAILROAD
BRIDGE REPAIR PLANS

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 259	JEFFERSON	449303-1-54-01

BRIDGE REPAIR PLAN
APPROACH SLAB 2

SHEET NO.
5

N:\50152272 CR 259 SCL Bridge Repair\Production\SITE PLAN.dwg

DETAIL - GUARDRAIL WITH ASPHALT BERM
SCALE: N.T.S.

1.5'
0.5'

CONTRACTOR TO INSTALL 1.5' WIDE x 0.5' HIGH BERM WITH MISC. ASPHALT BEGINNING AT CONC. BRIDGE RAIL AND EXTENDING 48' NORTH. NEW GUARDRAIL POSTS SHALL BE INSTALLED THROUGH PROPOSED BERM. THE PROPOSED BERM IS INTENDED TO SERVE AS AN EXTENSION OF THE EX. APPROACH SLAB CURB. THE CONTRACTOR SHALL CONSTRUCT BERM UP TO AND AROUND THE EXISTING CURB.

DETAIL - EROSION DEMOLITION PLAN
SCALE: N.T.S.

4.0'
8.0'
10.0'
UP TO 16" H
25.0'

APPROACH SLAB 2

INTERMITTENT UNDERMINING OF ROADWAY/SLAB

CONTRACTOR TO CUT VEGETATION AND INSTALL SILT FENCE IN THIS AREA TO ALLOW FOR REPAIRS.

HOLE
8.0' L x 3.0' W x 4.0' D

CONTRACTOR SHALL REMOVE COLLAPSED CONC. SLURRY

EROSION
3.5' W x 35.0' L x 2.5' D

CONTRACTOR SHALL SAW CUT AND REMOVE EXISTING CONC. SLURRY ALONG ORIGINAL EOP AND REMOVE CONFLICTING GUARDRAIL POSTS.

DETAIL - EROSION REPAIR
SCALE: N.T.S.

CONTRACTOR SHALL FORM OUTSIDE EDGE OF ROADWAY UNDERMINING AND CORE A MINIMUM OF 3 ACCESS POINTS TO ALLOW FOR INSTALLATION OF APPROX. 10 CY OF CONCRETE GROUT.

APPROACH SLAB 2

4.0'
8.0'
10.0'
25.0'
13.0'
11.0'
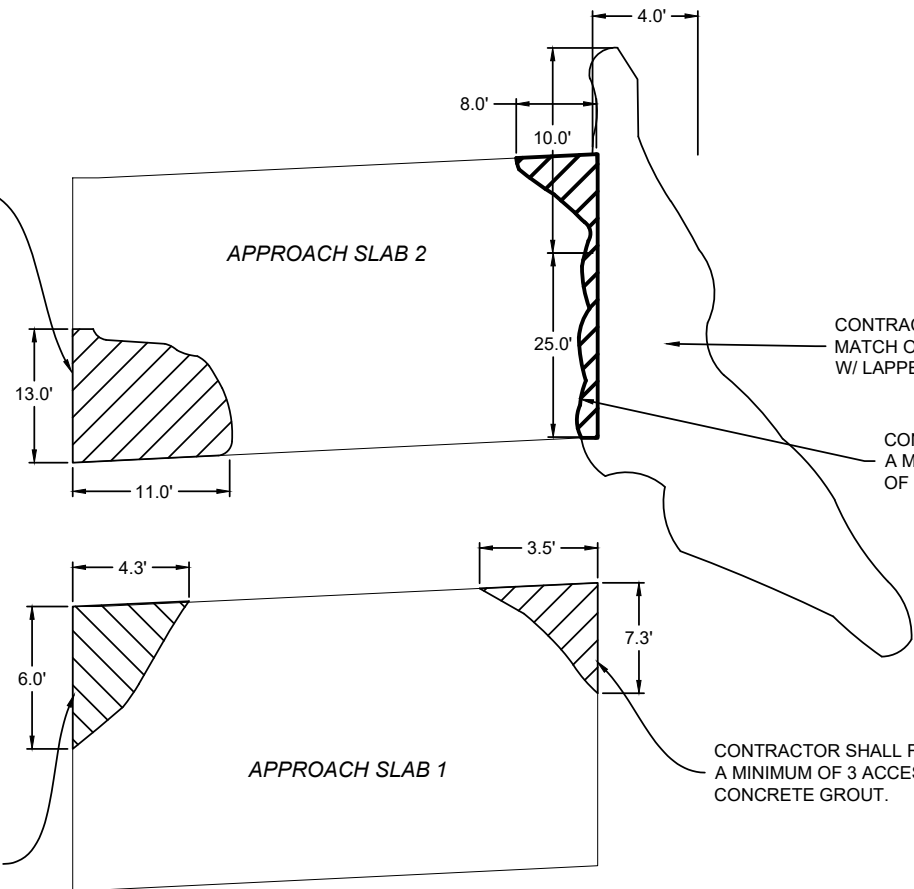
CONTRACTOR SHALL BACKFILL ERODED AREA WITH SELECT FILL TO MATCH ORIGINAL SCOPE COMPACTED IN 12" LIFTS AND STABILIZED W/ LAPPED AND PINNED SOD OVER ALL DISTURBED AREAS.

CONTRACTOR SHALL FORM OUTSIDE EDGE OF ROADWAY UNDERMINING AND CORE A MINIMUM OF 3 ACCESS POINTS TO ALLOW FOR INSTALLATION OF APPROX. 23 CY OF CONCRETE GROUT.

4.3'
6.0'
3.5'
7.3'

APPROACH SLAB 1

CONTRACTOR SHALL FORM OUTSIDE EDGE OF ROADWAY UNDERMINING AND CORE A MINIMUM OF 3 ACCESS POINTS TO ALLOW FOR INSTALLATION OF APPROX. 1 CY OF CONCRETE GROUT.

CONTRACTOR SHALL FORM OUTSIDE EDGE OF ROADWAY UNDERMINING AND CORE A MINIMUM OF 3 ACCESS POINTS TO ALLOW FOR INSTALLATION OF APPROX. 1 CY OF CONCRETE GROUT.

REVISIONS				
DATE	DESCRIPTION	DATE	DESCRIPTION	
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CR 259 - OVER SCL RAILROAD
BRIDGE REPAIR PLANS

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
CR 259	JEFFERSON	449303-1-54-01

BRIDGE REPAIR DETAILS

SHEET NO.

6