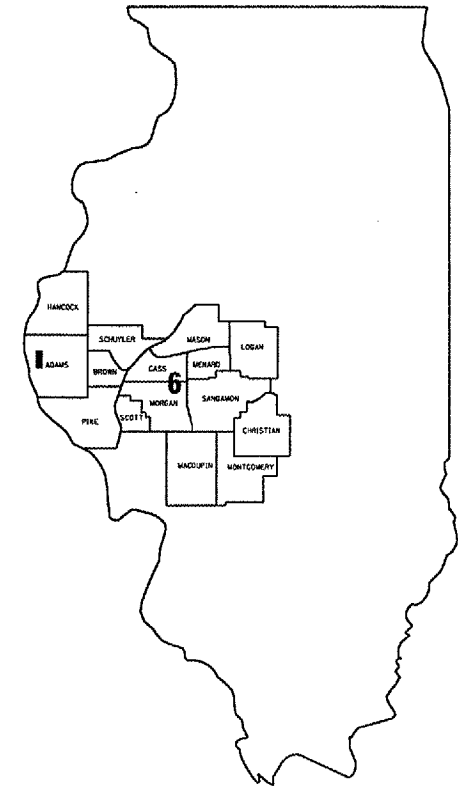
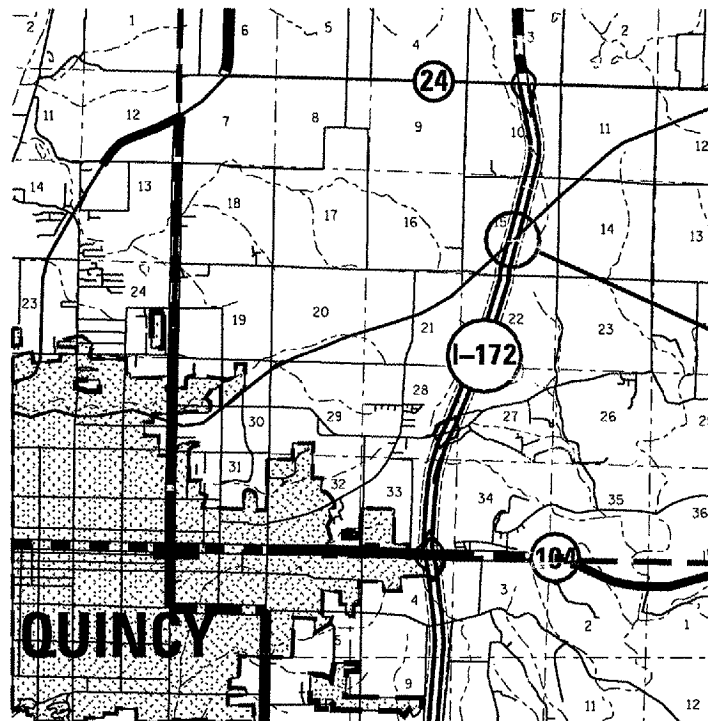


FOR INDEX OF SHEETS AND HIGHWAY
STANDARDS, SEE SHEET 2.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
CONTRACT MAINTENANCE**
FAI ROUTE 172 (I-172)
SECTION (1-6VB)I-1
ADAMS COUNTY
C96-004-08 / D96-015-07



LOCATION OF SECTION INDICATED THUS: ■



SN 001-0050 SBL
SN 001-0051 NBL

J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

D6 BRIDGE ENGINEER - STEVE BERAN
PHONE - (217) 785-9290

NET LENGTH OF SEC 288 FT=0.055 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 28, 20 07
Christ. H. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

May 11, 20 07
Eric E. Harny
Interim ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 20 07
Milton R. Sees, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

CONTRACT NO. 72B12

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX, STANDARDS, GENERAL NOTES, & SIGNATURES
- 3 SUMMARY OF QUANTITIES
- 4 BRIDGE PLAN & ELEVATION
- 5-8 SLOPEWALL REPAIR DETAILS
- 9 CLOSED DRAINAGE SYSTEM DETAIL

STANDARDS

- 701101-01
- 701106-01
- 701400-02
- 701406-04
- 702001-06

GENERAL NOTES:

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

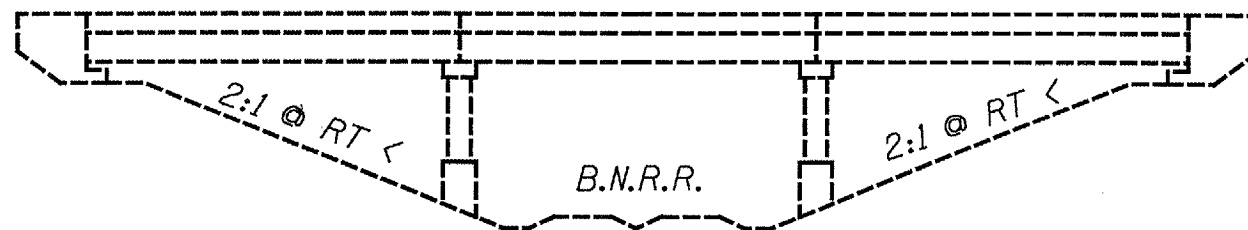
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	March 8 20 07 <i>Ben J. Hens</i> ENGINEER OF OPERATIONS
EXAMINED	Mar 8 20 07 <i>WRJ</i> ENGINEER OF PROGRAM IMPLEMENTATION
EXAMINED	Mar 15 20 07 <i>WRJ</i> ENGINEER OF PROGRAM DEVELOPMENT

INDEX, STD'S, & GEN. NOTES
FAI 172 (I-172)
SECTION (I-6VB)I-1
SN 001-0050 & 001-0051
ADAMS COUNTY

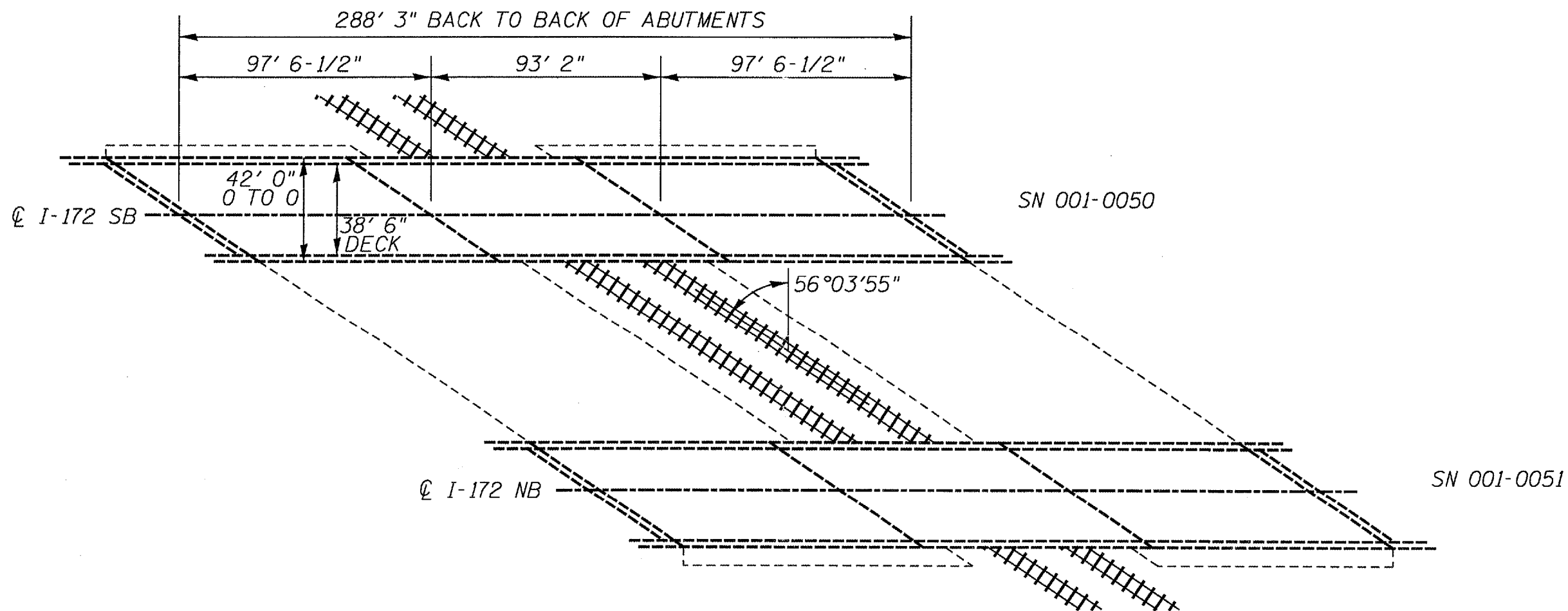
S U M M A R Y O F Q U A N T I T I E S

CODE NO.	ITEM	UNIT	100% STATE
			SFTY-2A
			TOTAL QTY
20600110	GRANULAR EMBANKMENT, SPECIAL	TON	1712
21400100	GRADING AND SHAPING DITCHES	FOOT	750
25000200	SEEDING, CLASS 2	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	16
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	16
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	16
25100115	MULCH, METHOD 2	ACRE	0.2
25100630	EROSION CONTROL BLANKET	SQ YD	834
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	18
28000300	TEMPORARY DITCH CHECKS	EACH	14
28100125	STONE RIPRAP, CLASS B3	SQ YD	120
45200300	JOINT OR CRACK FILLING	POUND	212
50104650	SLOPE WALL REMOVAL	SQ YD	707
51100100	SLOPE WALL, 4 INCH	SQ YD	707
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	403
67100100	MOBILIZATION	L SUM	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
Z0006700	BRIDGE DRAINAGE SYSTEM	EACH	8
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

QUANTITIES
FAI 172 (I-172)
SECTION (I-6VB)I-1
SN 001-0050 & 001-0051
ADAMS COUNTY



ELEVATION



PLAN

NOT TO SCALE

PLAN & ELEVATION
FAI 172 (I-172)
SECTION (I-6VB)I-1
SN 001-0050 & 001-0051
ADAMS COUNTY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	(1-6VB11-1	ADAMS	9	5
STA. BNBR		TO STA. BNBR		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

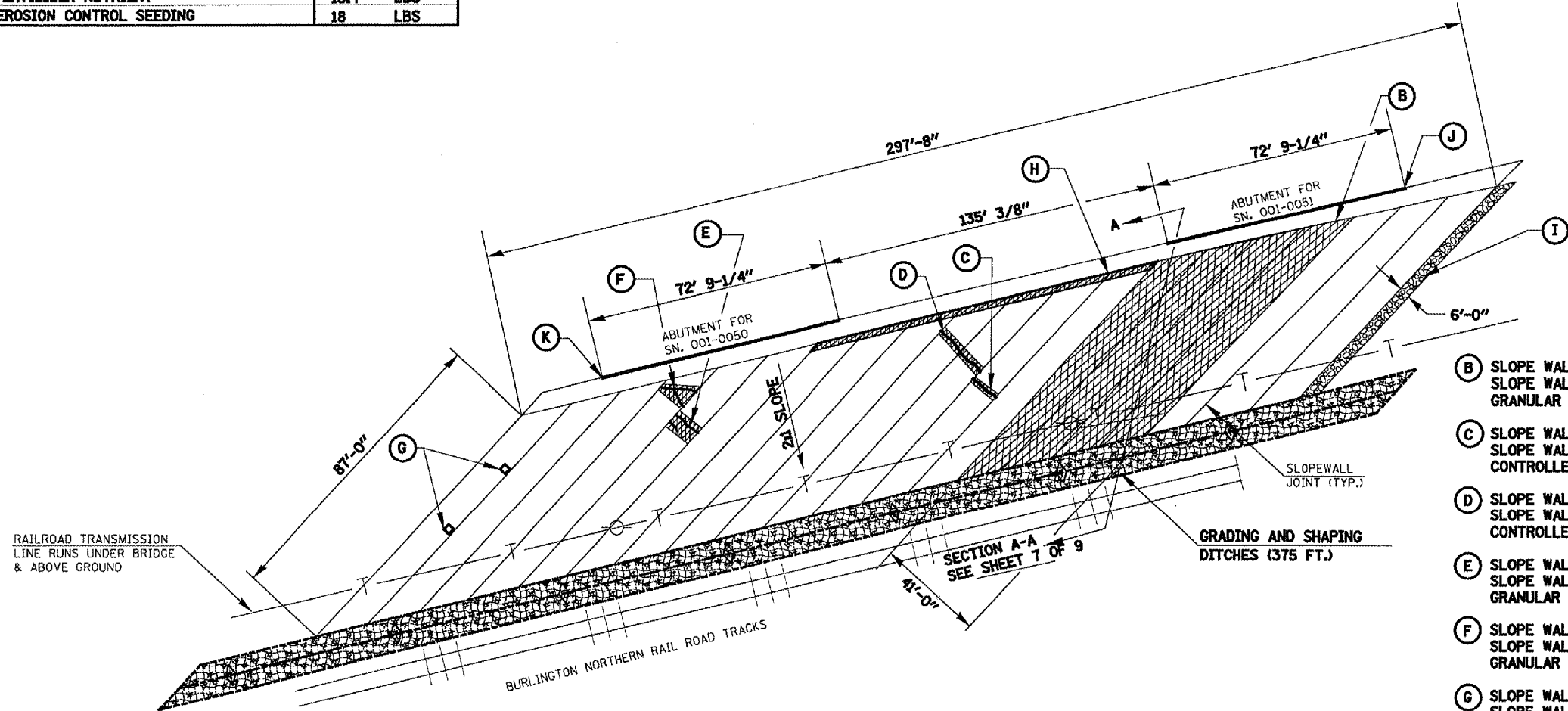
CONTRACT NO. 72B12



0 10 20
SCALE: 1" = 20'

SUMMARY OF QUANTITIES-NORTH & SOUTH SLOPE WALLS		
GRANULAR EMBANKMENT, SPECIAL	835	CY YD
STONE RIPRAP, CLASS B3 (18")	120	SQ YD
SLOPE WALL REMOVAL	707	SQ YD
SLOPE WALL 4 INCH	707	SQ YD
CONTROLLED LOW-STRENGTH MATERIAL	403	CY YD
JOINT OR CRACK FILLING	212	LBS
EROSION CONTROL BLANKET	833.4	SQ YD
MULCH METHOD 2	.18	ACRE
GRADING AND SHAPING	750	FOOT
TEMPORARY DITCH CHECKS	14	EACH
SEEDING CLASS 2	.18	ACRE
NITROGEN FERTILIZER NUTRIENT	15.4	LBS
PHOSPHORUS FERTILIZER NUTRIENT	15.4	LBS
POTASSIUM FERTILIZER NUTRIENT	15.4	LBS
TEMPORARY EROSION CONTROL SEEDING	18	LBS

- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- MULCH METHOD 2
- SEEDING, CLASS 2
- STONE DUMPED RIPRAP, CLASS B3
- SLOPE WALL TO BE REPAIRED



LEGEND

- (B)** SLOPE WALL REMOVAL (368 SY)
SLOPE WALL 4 INCH (368 SY)
GRANULAR EMBANKMENT, SPECIAL (491 CY)
- (C)** SLOPE WALL REMOVAL (2.0 SY)
SLOPE WALL 4 INCH (2.0 SY)
CONTROLLED LOW-STRENGTH MATERIAL (26.7 CY)
- (D)** SLOPE WALL REMOVAL (3.9 SY)
SLOPE WALL 4 INCH (3.9 SY)
CONTROLLED LOW-STRENGTH MATERIAL (64.8 CY)
- (E)** SLOPE WALL REMOVAL (5.1 SY)
SLOPE WALL 4 INCH (5.1 SY)
GRANULAR EMBANKMENT, SPECIAL (3 CY)
- (F)** SLOPE WALL REMOVAL (5.8 SY)
SLOPE WALL 4 INCH (5.8 SY)
GRANULAR EMBANKMENT, SPECIAL (4 CY)
- (G)** SLOPE WALL REMOVAL (0.9 SY)
SLOPE WALL 4 INCH (0.9 SY)
CONTROLLED LOW-STRENGTH MATERIAL (133.3 CY)
- (H)** SLOPE WALL REMOVAL, 2' WIDTH (23.3 SY)
SLOPE WALL 4 INCH (23.3 SY)
GRANULAR EMBANKMENT, SPECIAL (8 CY)
JOINT OR CRACK FILLING (44 LB) (SEE SLOPEWALL DETAIL)
- (I)** PROPOSED STONE RIPRAP, CLASS B3 (60 SY, 18" DEEP)
- (J)** PROPOSED JOINT OR CRACK FILLING (31 LB) (SEE SLOPEWALL DETAIL)
- (K)** PROPOSED JOINT OR CRACK FILLING (31 LB) (SEE SLOPEWALL DETAIL)

PLAN-NORTH SLOPE WALL REPAIRS
S.N. 001-0050 & S.N. 001-0051

GENERAL NOTES

1. ALL IMPROVEMENT LOCATIONS SHALL BE ACCESSED THROUGH THE I-172 MEDIAN.
2. ALL QUANTITIES ARE ESTIMATED AND MAY BE MODIFIED AS NECESSARY IN THE FIELD BY THE ENGINEER.
3. AT NO TIME SHALL ANY WORK ENCR OACH UPON OR HINDER THE ACTIVITY OF THE RAILROAD TRACKS.

REVISIONS	
NAME	DATE

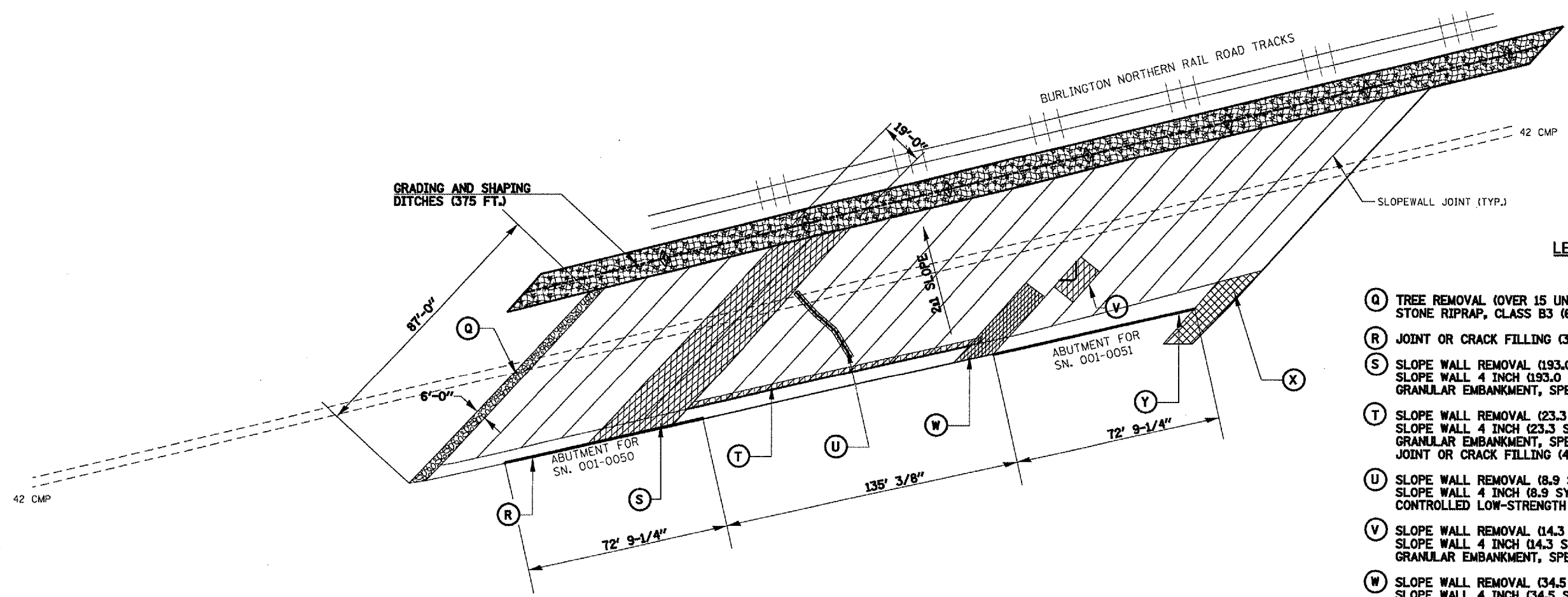
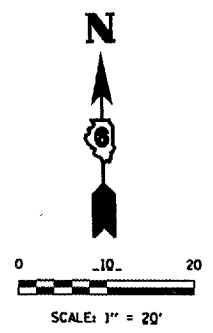
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 172 OVER BNRR
NORTH SLOPE WALL
F.A.I. 172
SECTION (1-6VB11-1
SN 001-0050 & 001-0051
ADAMS COUNTY
SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE 06/28/2004
DRAWN BY JUS
CHECKED BY LLO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
172	(1-6VB1)-1	ADAMS	9
STA. BNRR		TO STA. BNRR	
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT	

CONTRACT NO. 72B12

GENERAL NOTES

1. ALL IMPROVEMENT LOCATIONS SHALL BE ACCESSED THROUGH THE I-172 MEDIAN.
2. ALL QUANTITIES ARE ESTIMATED AND MAY BE MODIFIED AS NECESSARY IN THE FIELD BY THE ENGINEER.
3. AT NO TIME SHALL ANY WORK ENCR OACH UPON OR HINDER THE ACTIVITY OF THE RAILROAD TRACKS.
4. RAILROAD PROTECTIVE LIABILITY INSURANCE AND RAILROAD FLAGMEN SHALL BE SECURED PRIOR TO COMMENCEMENT OF ANY WORK IN THIS AREA.



LEGEND

- (Q) TREE REMOVAL (OVER 15 UNITS DIAMETER) (41 UNITS)
STONE RIPRAP, CLASS B3 (60 SY, 18" DEEP)
- (R) JOINT OR CRACK FILLING (31 LB) (SEE SLOPEWALL DETAIL)
- (S) SLOPE WALL REMOVAL (193.0 SY)
SLOPE WALL 4 INCH (193.0 SY)
GRANULAR EMBANKMENT, SPECIAL (257 CY)
- (T) SLOPE WALL REMOVAL (23.3 SY)
SLOPE WALL 4 INCH (23.3 SY)
GRANULAR EMBANKMENT, SPECIAL (8 CY)
JOINT OR CRACK FILLING (44 LB) (SEE SLOPEWALL DETAIL)
- (U) SLOPE WALL REMOVAL (8.9 SY)
SLOPE WALL 4 INCH (8.9 SY)
CONTROLLED LOW-STRENGTH MATERIAL (177.8 CY)
- (V) SLOPE WALL REMOVAL (14.3 SY)
SLOPE WALL 4 INCH (14.3 SY)
GRANULAR EMBANKMENT, SPECIAL (25 CY)
- (W) SLOPE WALL REMOVAL (34.5 SY)
SLOPE WALL 4 INCH (34.5 SY)
GRANULAR EMBANKMENT, SPECIAL (23 CY)
- (X) SLOPE WALL REMOVAL (24.0 SY)
SLOPE WALL 4 INCH (24.0 SY)
GRANULAR EMBANKMENT, SPECIAL (16 CY)
TREE REMOVAL (6 TO 15 UNITS DIAMETER) (6 UNITS)
- (Y) JOINT OR CRACK FILLING (31 LB) (SEE SLOPEWALL DETAIL)

- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- MULCH METHOD 2
- SEEDING, CLASS 2
- STONE DUMPED RIPRAP, CLASS B3
- SLOPE WALL TO BE REPAIRED

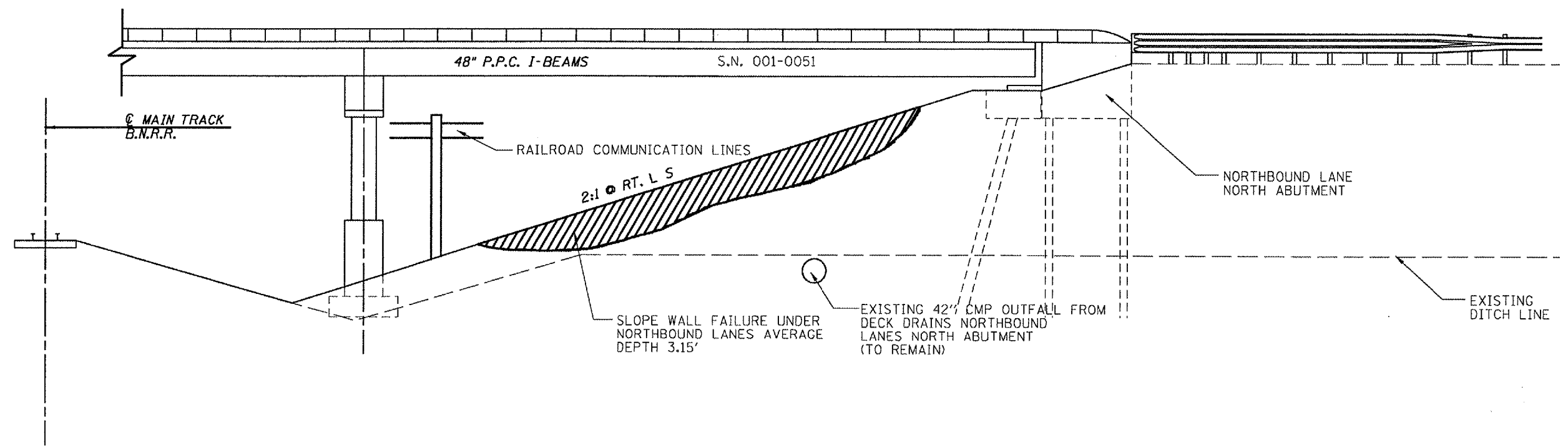
PLAN-SOUTH SLOPE WALL REPAIRS
S.N. 001-0050 & S.N. 001-0051

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 172 OVER BNRR
SOUTH SLOPE WALL
F.A.I. 172
SECTION (1-6VB1)-1
SN 001-0050 & 001-0051
ADAMS COUNTY
SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE 06/28/2004
DRAWN BY JJS
CHECKED BY LLO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	(1-6VB11-1)	ADAMS	9	7
STA. BNBB		TO STA. BNBB		
FED. ROAD DIST. NO. 6		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 72B12



EXISTING SECTION A-A
(SEE SHEET 5 OF 9)

SHOWN FOR INFORMATION ONLY

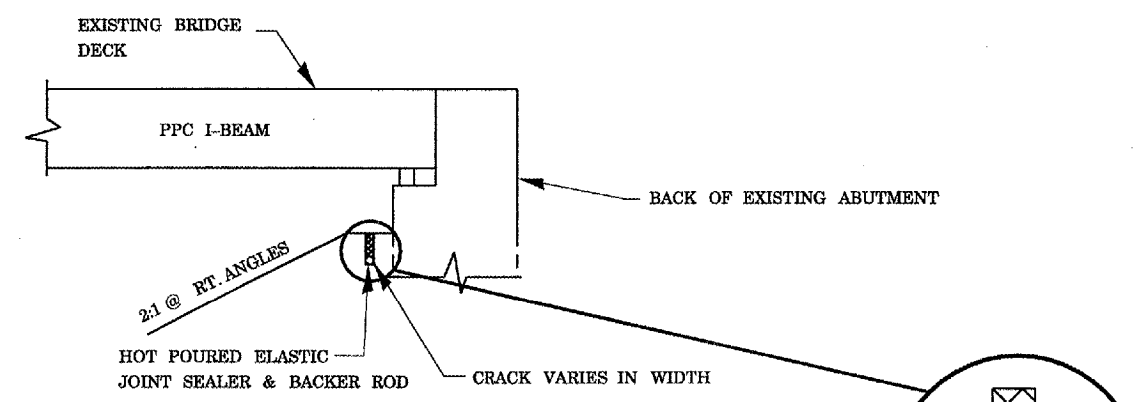
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI 172 OVER BNRR NORTH SLOPE WALL FAILURE
NAME	DATE	
		F.A.I. 172 SECTION (1-6VB11-1 SN 001-0050 & 001-0051 ADAMS COUNTY

SCALE: VERT. 1"=30'
HORIZ. DATE 06/29/2004

DRAWN BY JJS
CHECKED BY LLO

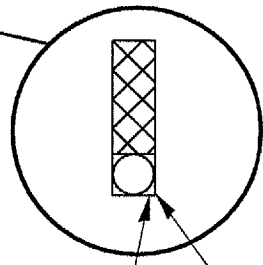
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	(1-6VBH1-1	ADAMS	9	8
STA. B989		TO STA. B988		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 72B12

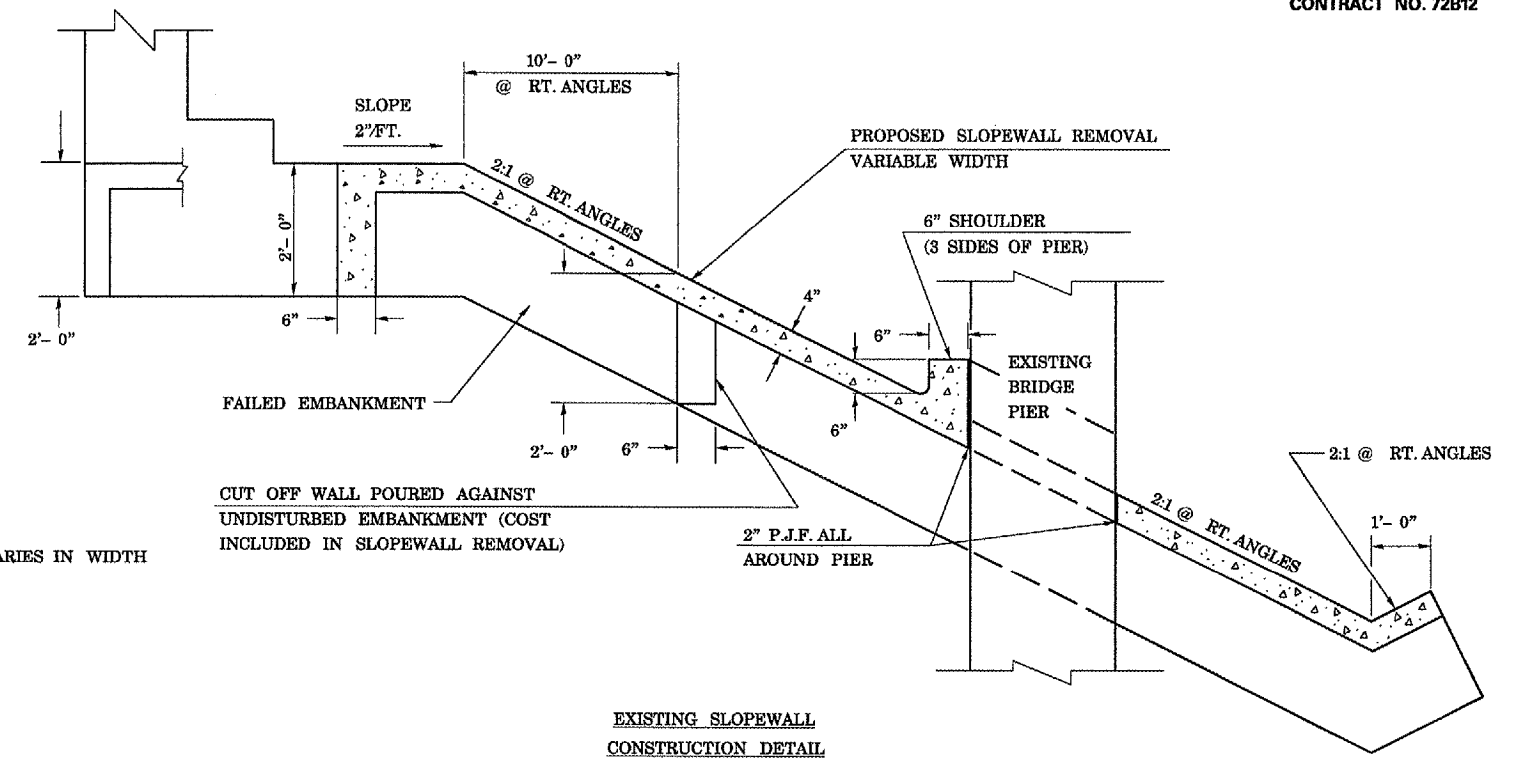


PROPOSED JOINT OR CRACK FILLING
(SEE SHEET 5 AND 6 OF 9)
(TO BE USED AT LOCATIONS H, J, K, R, T & Y)

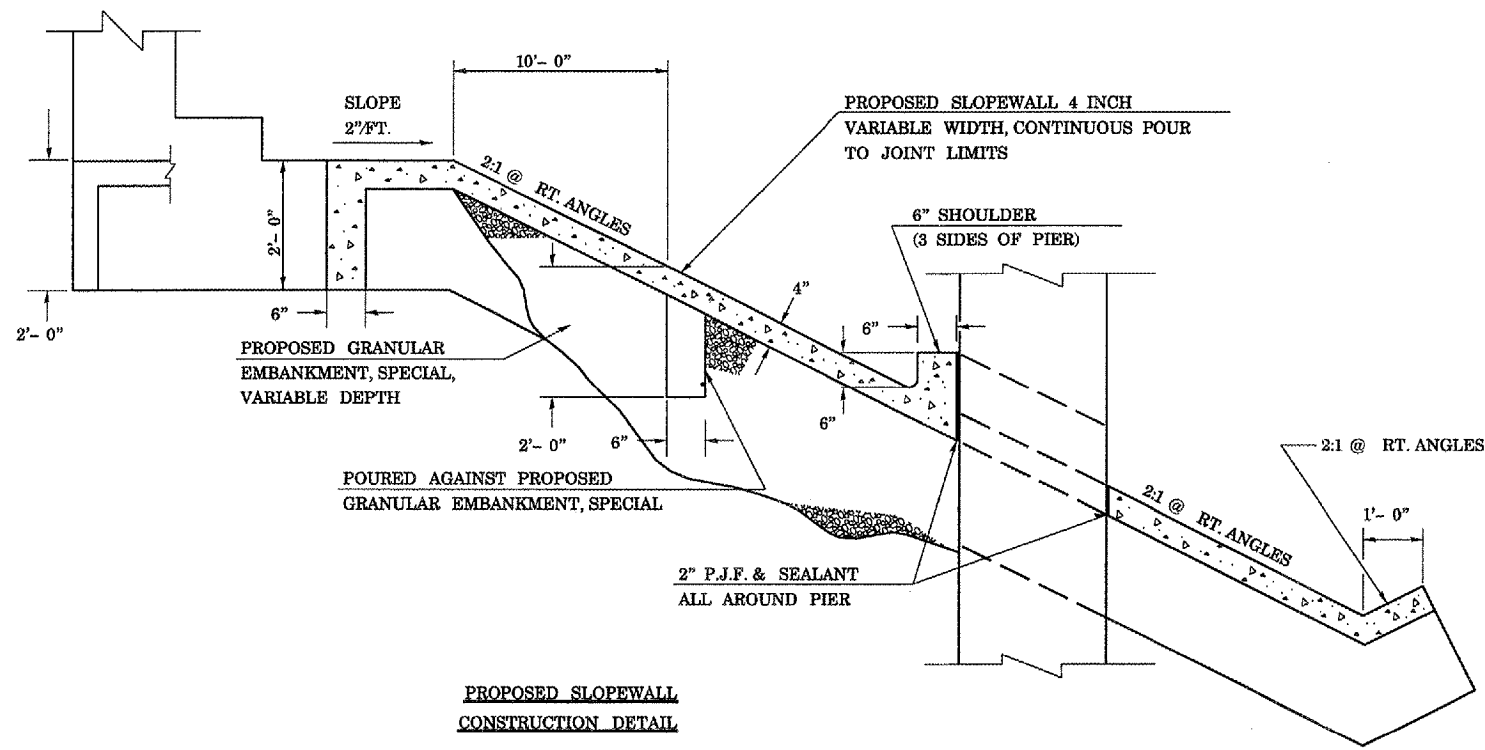
NOTES: THE JOINT BETWEEN THE ABUTMENT AND SLOPEWALL SHALL BE SEALED ACCORDING TO SECTION 452 OF THE STANDARD SPECIFICATIONS. FURNISHING AND INSTALLING BACKER ROD WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF "JOINT OR CRACK FILLING"



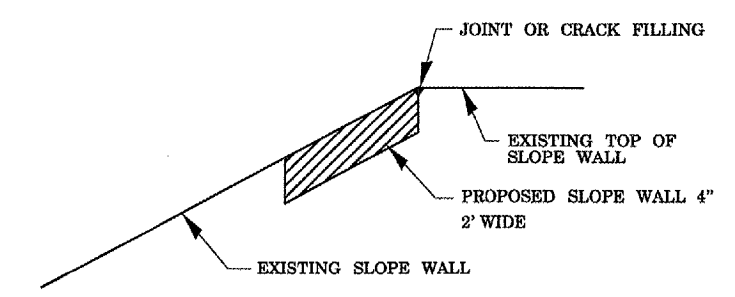
HOT POURED ELASTIC JOINT SEALER & BACKER ROD (BACKER ROD SHALL BE 1/8" WIDER THAN CRACK.)



EXISTING SLOPEWALL CONSTRUCTION DETAIL



PROPOSED SLOPEWALL CONSTRUCTION DETAIL

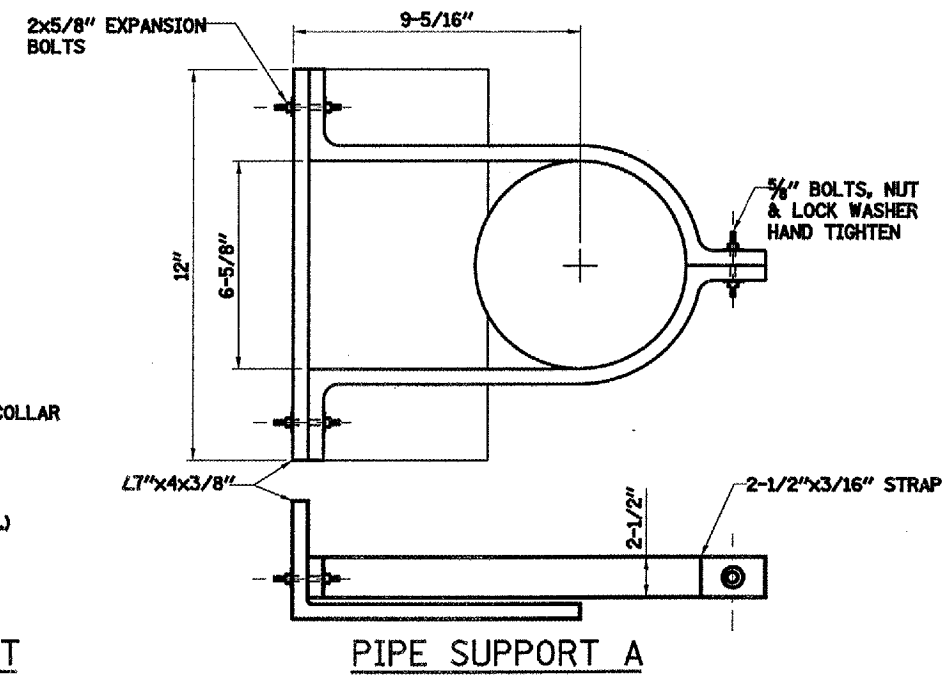
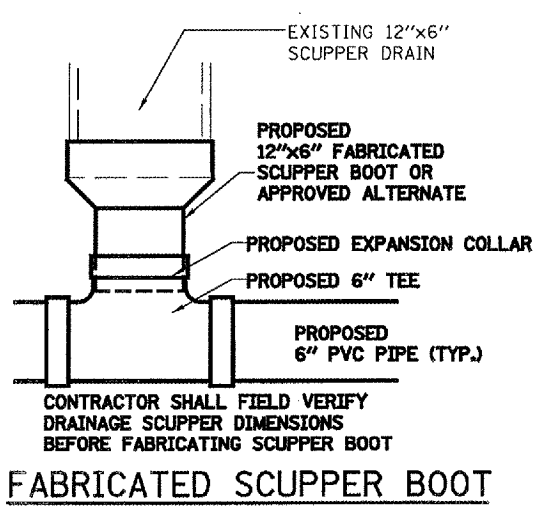
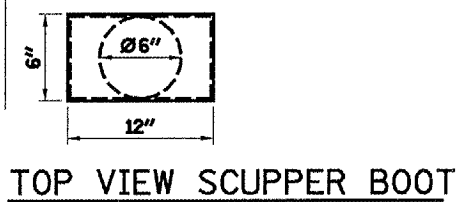
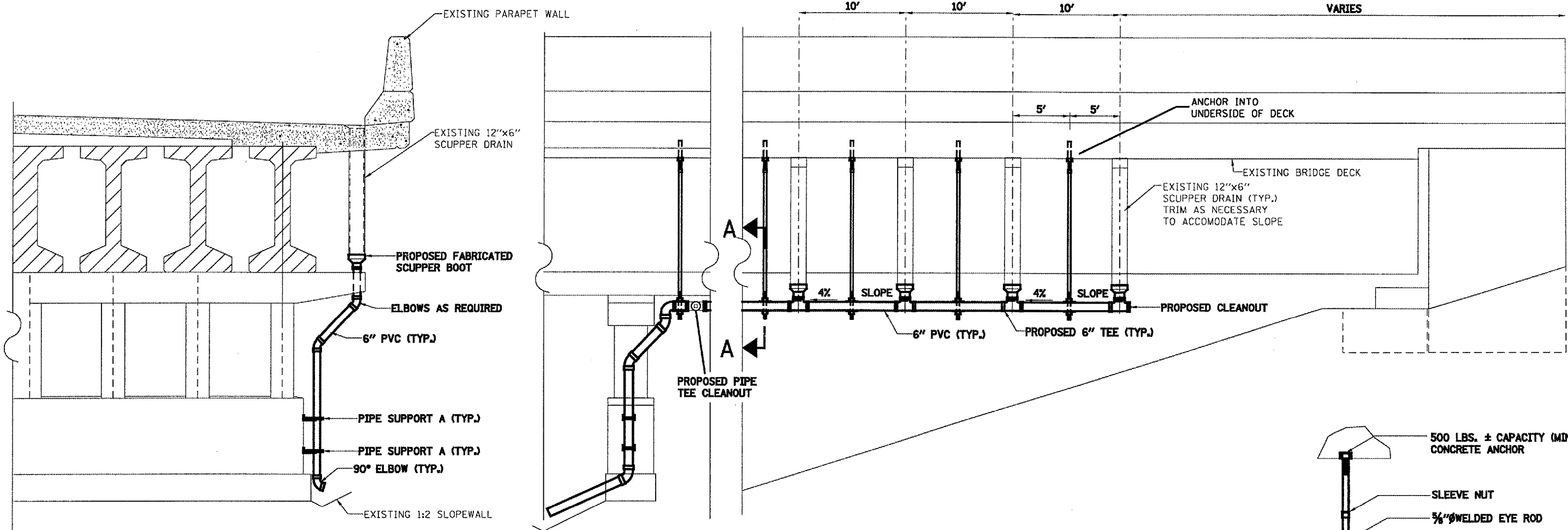


PROPOSED JOINT FILLING
(TO BE USED AT LOCATIONS H & T)

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI OVER BNRR SLOPEWALL DETAIL
F.A.I. 172
SECTION (1-6VBH1-1
SN 001-0050 & 001-0051
ADAMS COUNTY
SCALE: VERT. NONE
HORIZ. NONE
DATE 06/15/2004
DRAWN BY JJS
CHECKED BY LLQ

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	11-6VB11-1	ADAMS	9	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72B12				



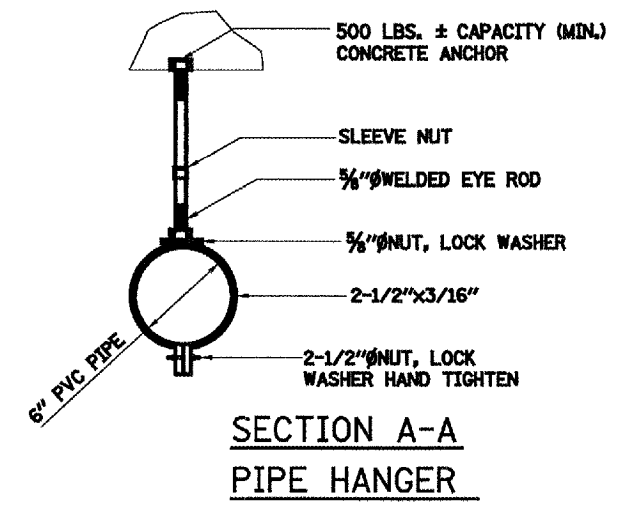
NOTES:

ALL PIPE HANGERS, SUPPORTS AND HARDWARE SHALL BE GALVANIZED BY THE HOT-DIP PROCESS. THE ZINC COATING SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M232.

PIPE HANGERS SHALL BE PROVIDED ON ALL HORIZONTAL PIPES AT EACH TEE, ELBOW, OR CHANGE IN DIRECTION AND AT THE INTERMEDIATE POINTS NOT MORE THAN 10'-0" ON CENTERS.

THE CONTRACTOR MAY USE ALTERNATE PIPE HANGERS. THE PIPE HANGERS SHALL HAVE A LOAD CAPACITY OF NOT LESS THAN 500 LBS. AND SHALL BE DESIGNED SO AS NOT TO APPLY EXCESSIVE COMPRESSIVE STRESS TO THE PIPE. ALTERNATE PIPE HANGER DESIGNS MUST BE APPROVED BY THE ENGINEER PRIOR TO USE.

IF ADDITIONAL SUPPORT IS DEEMED NECESSARY, IT SHALL BE AFFIXED TO THE UNDERSIDE OF THE DECK, UNDERSIDE OF THE PIER CAP, OR FACE OF THE CRASHWALL. NO DRILLING INTO PPC I-BEAMS OR PIER COLUMNS WILL BE ALLOWED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 172 OVER BNRR CLOSED DRAINAGE SYSTEM DETAIL

F.A.I. 172
 SECTION 11-6VB11-1
 SH 001-0050 & 001-0051
 ADAMS COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE 11/02/2004

DRAWN BY JMS
 CHECKED BY LLG

DATE _____
 DRAWN BY _____
 CHECKED BY _____
 SCALE _____
 REFERENCE _____