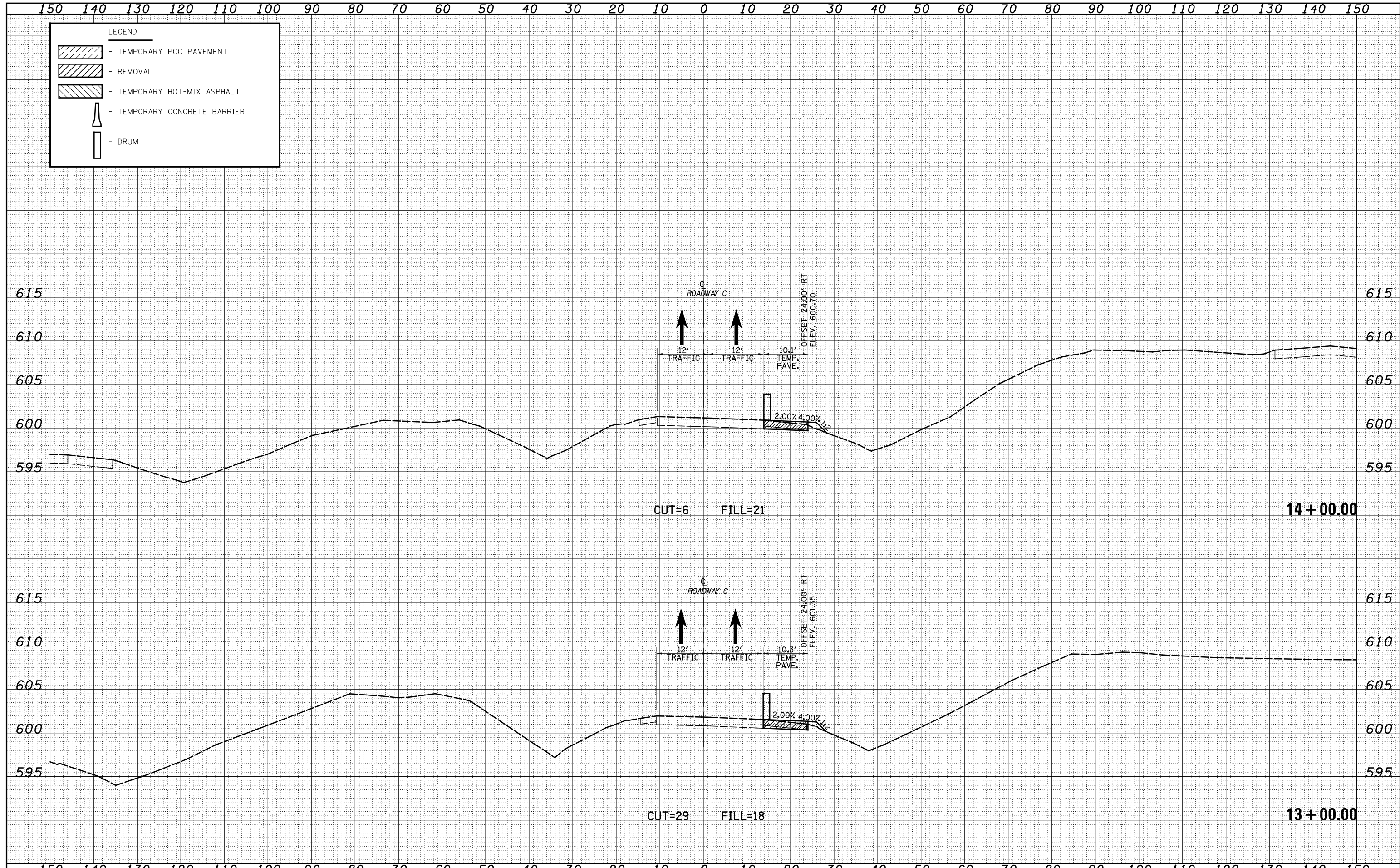


DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



LEGEND

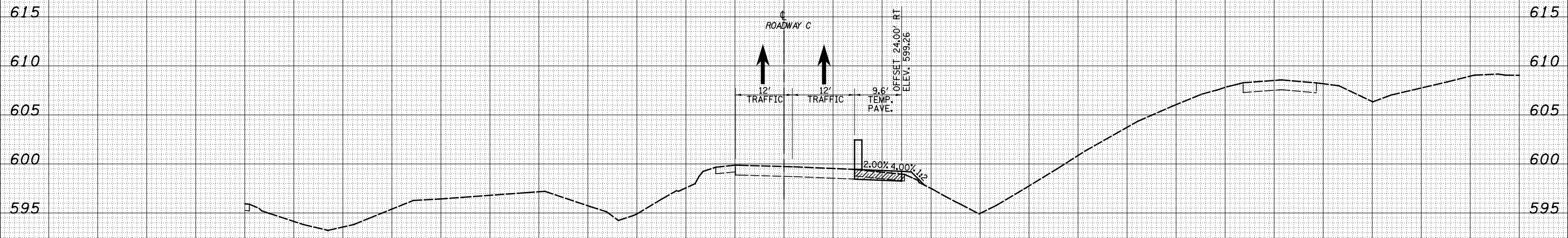
- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

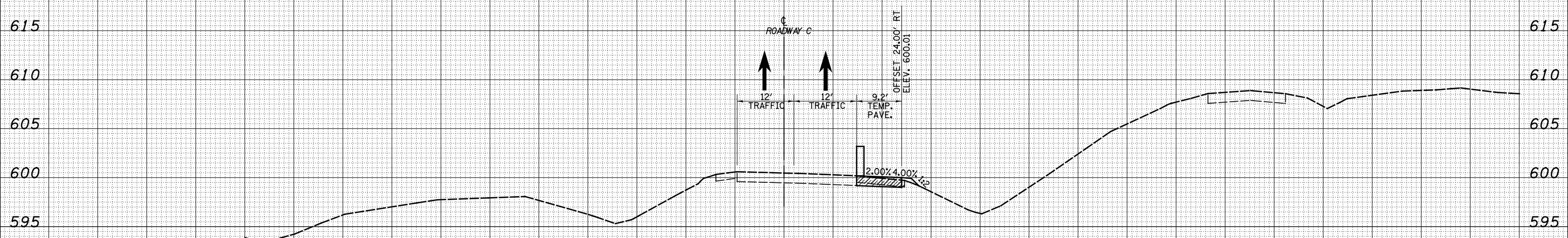
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- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



16 + 00.00

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



15 + 00.00

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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY C (PRE-STAGE 1)**

SCALE: 1"=10' SHEET NO. 3 OF 8 SHEETS STA. 15+00.00 TO STA. 16+00.00

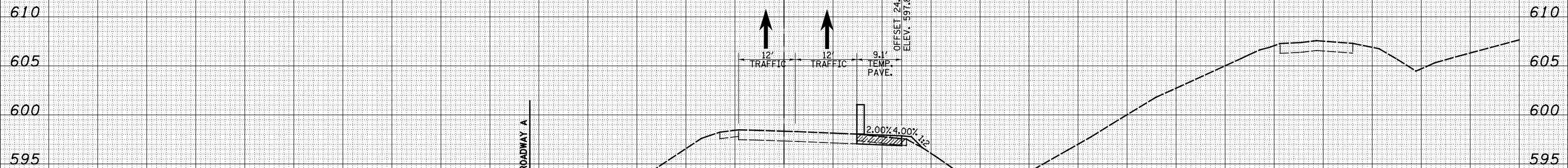
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1602
CONTRACT NO. 74295				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

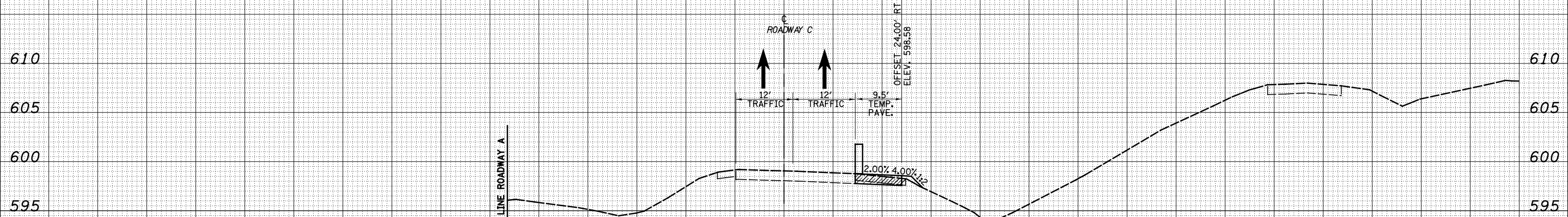
- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



18 + 00.00

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



17 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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S:\Projects\403-00072.57-70\dgn\N Tr\l\ksh\ITONDCM01_P51.dgn		DRAWN - LEC	REVISED -			57/70	(25-4)R	EFFINGHAM	1760	1603
PLOT SCALE = \$SCALE*		CHECKED - BRM	REVISED -			MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (PRE-STAGE 1)				
PLOT DATE = \$DATE*		DATE - 12-16-08	REVISED -							






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY C (PRE-STAGE 1)**

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

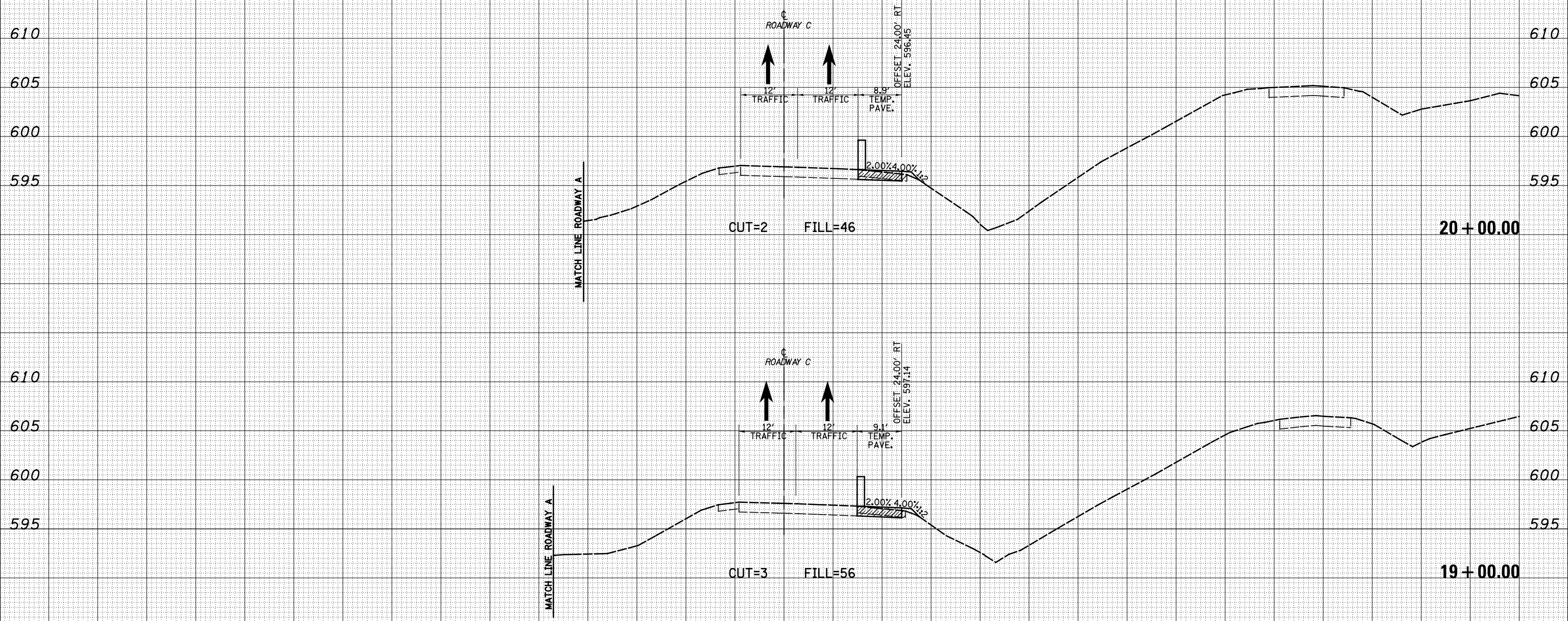
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LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	



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 DRAWN - LEC
 CHECKED - BRM
 DATE - 12-16-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

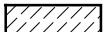

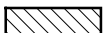


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
 ROADWAY C (PRE-STAGE 1)**
 SCALE: 1"=10'
 SHEET NO. 5 OF 8 SHEETS STA. 19+00.00 TO STA. 20+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1604
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

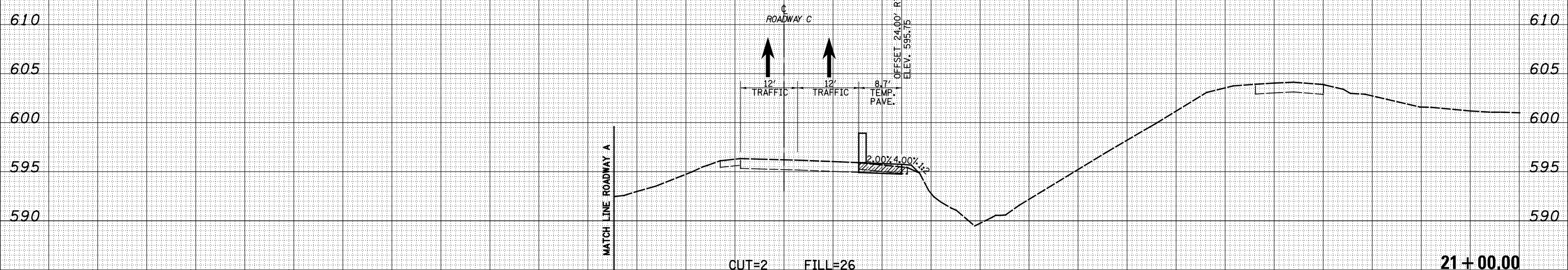
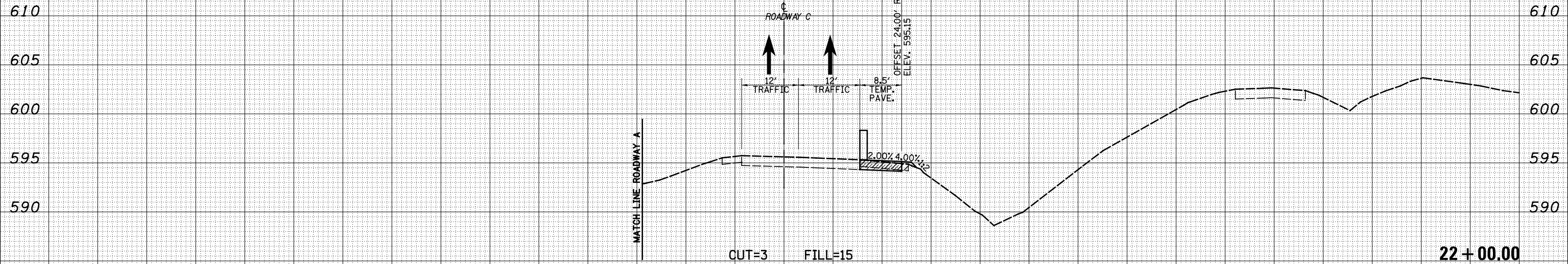
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = \$USER\$

PLOT SCALE = \$SCALE\$

PLOT DATE = \$DATE\$

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY C (PRE-STAGE 1)**






SCALE: 1"=10'

SHEET NO. 6 OF 8 SHEETS STA. 21+00.00 TO STA. 22+00.00

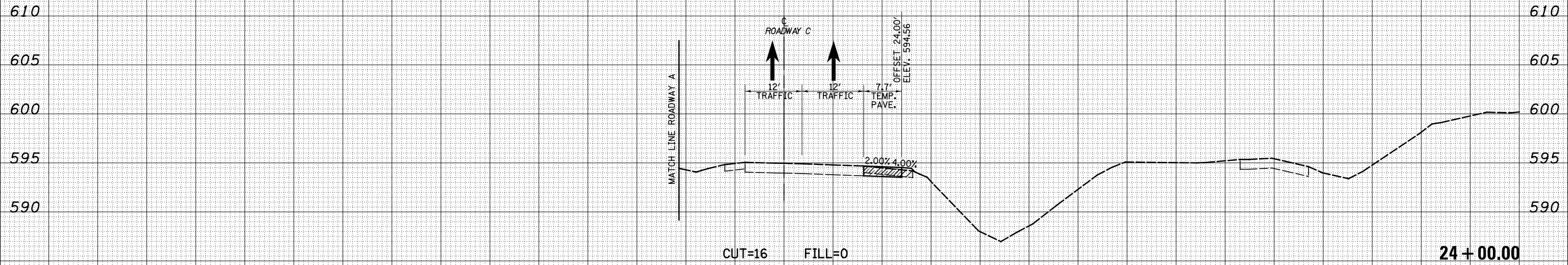
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1605
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

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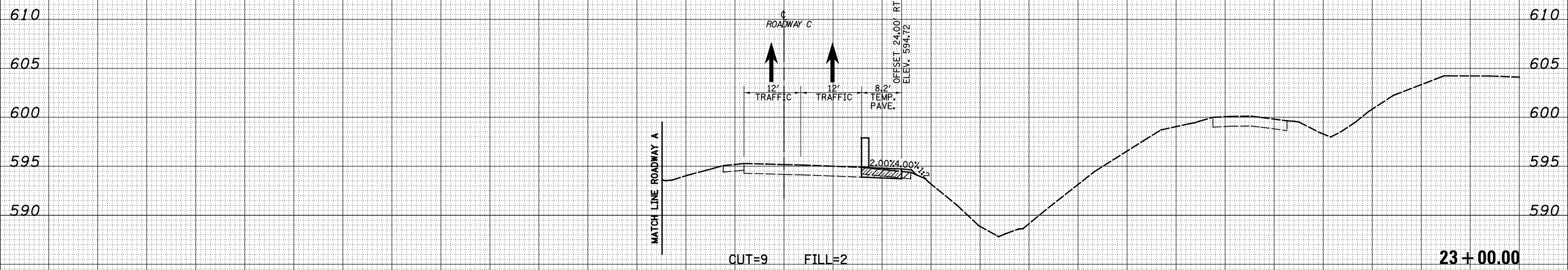
LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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	DRAWN - LEC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 12-16-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY C (PRE-STAGE 1)**

SCALE: 1"=10' SHEET NO. 7 OF 8 SHEETS STA. 23+00.00 TO STA. 24+00.00

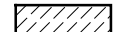

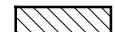


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1606
CONTRACT NO. 74295				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

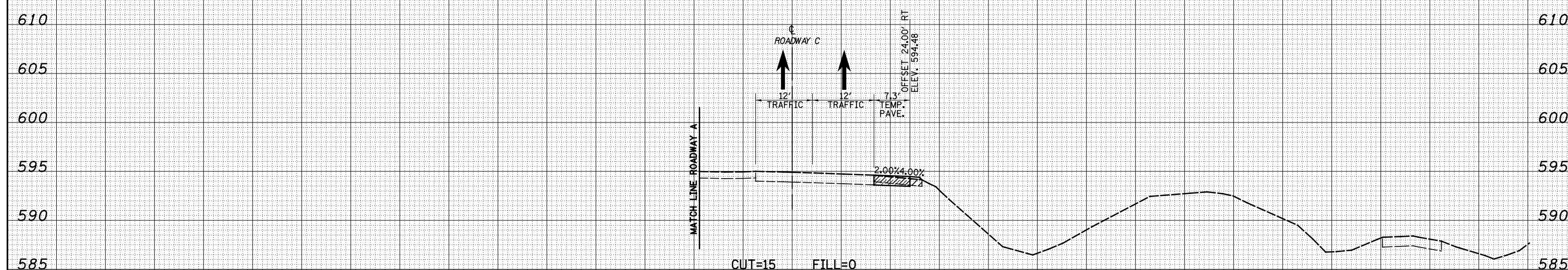
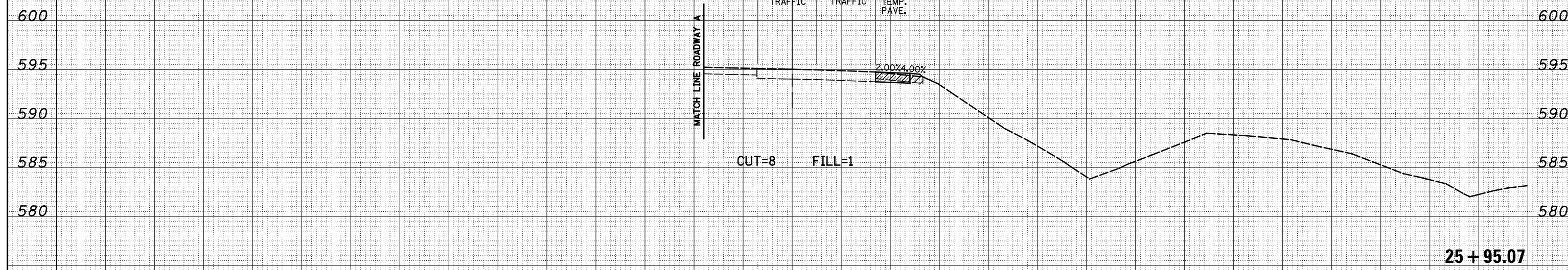
DATE	
BY	
FINAL SURVEY	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = *USERS*	DESIGNED - JWS	REVISED -
	DRAWN - LEC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 12-16-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

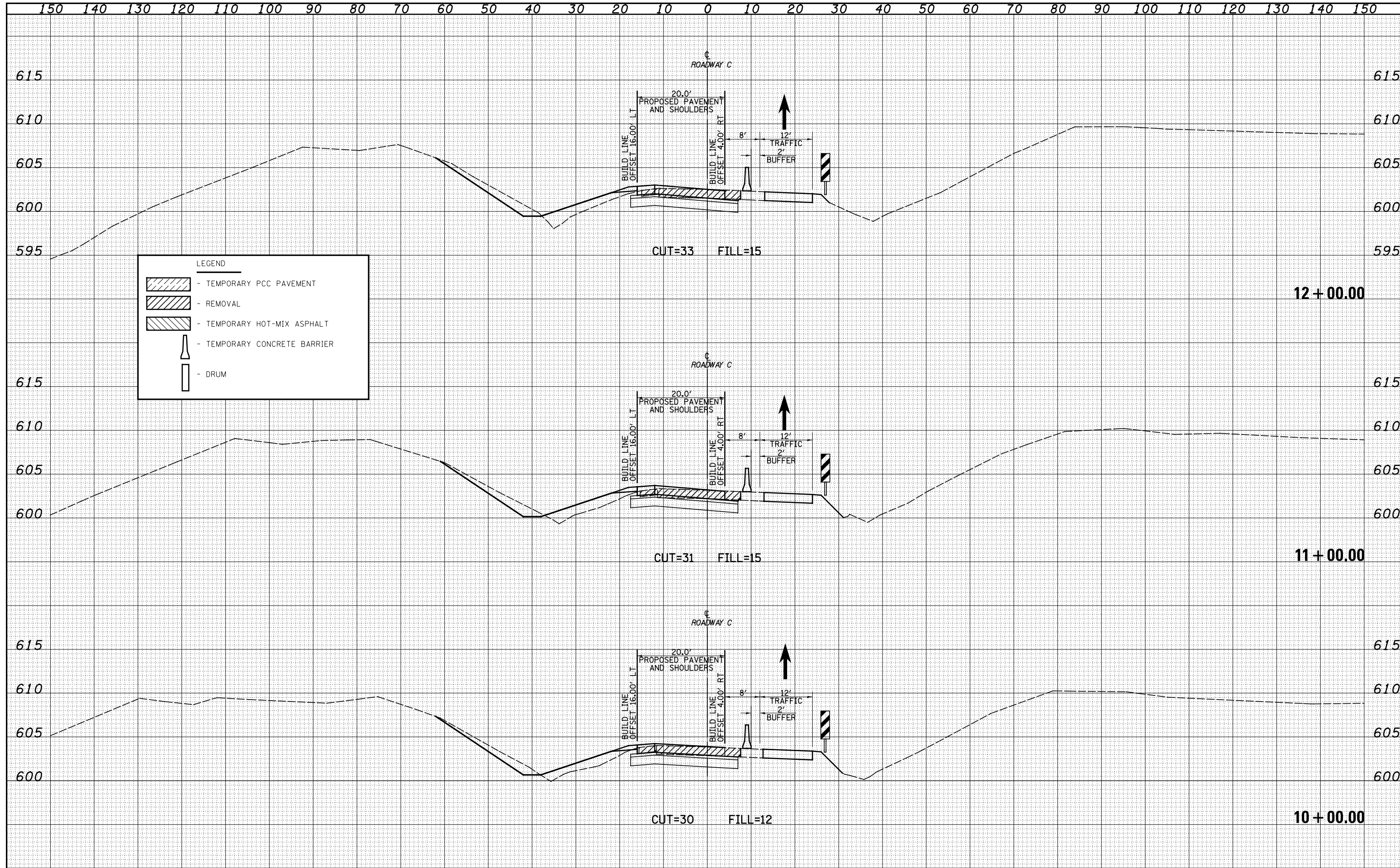
**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY C (PRE-STAGE 1)**

SCALE: 1"=10' SHEET NO. 8 OF 8 SHEETS STA. 25+00.00 TO STA. 25+97.07

F.A.I. RTE. 57/70	SECTION (25-4)R	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1607
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
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NO.	

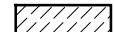

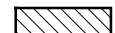




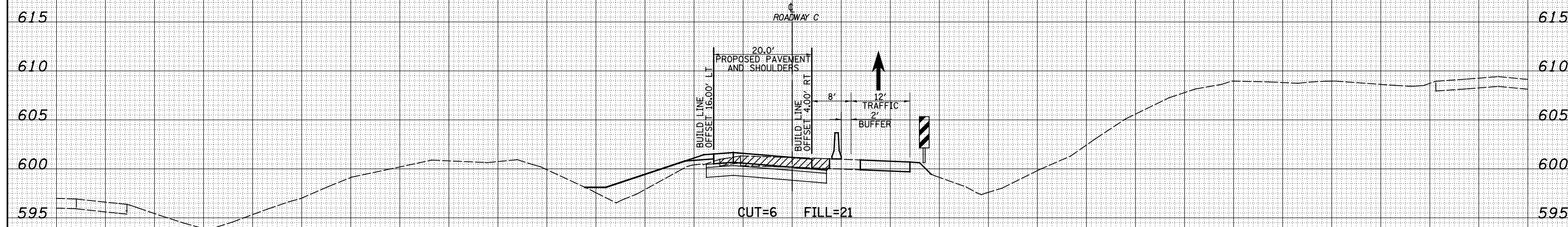
DATE	
BY	
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PLOTTED	
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NOTE BOOK	
AREAS CHECKED	
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DATE	
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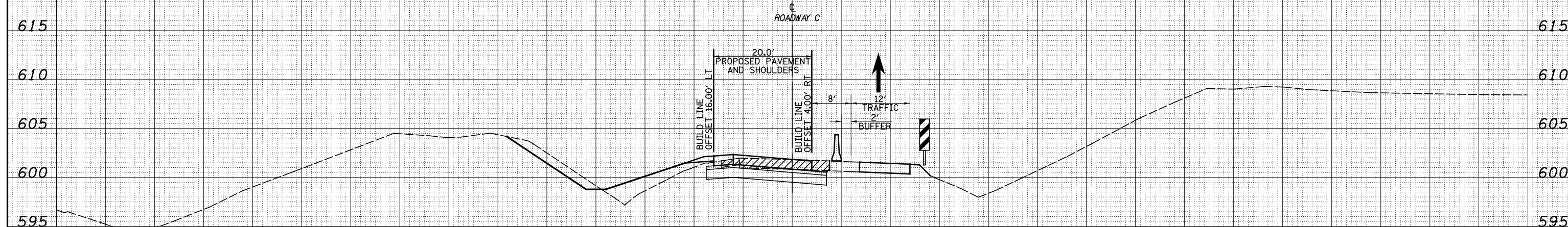
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM



14 + 00.00



13 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

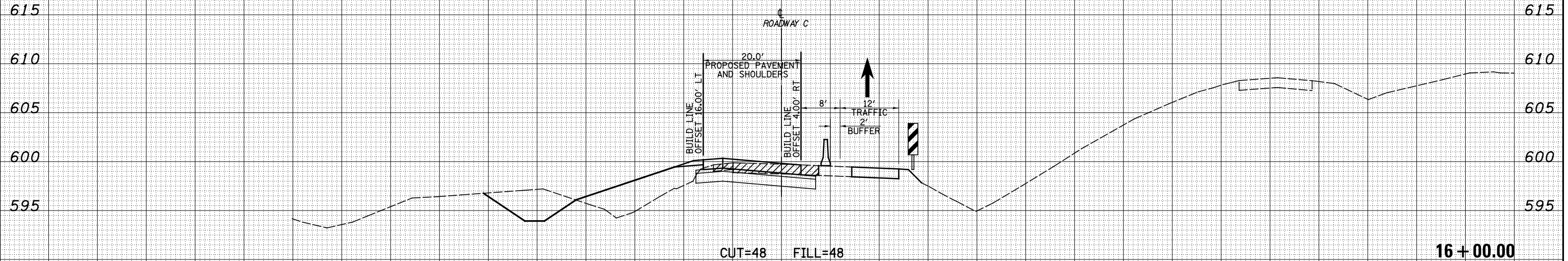
FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072.57-70\dgn\N Tr\ILV\kshh\10NRDCM01_S1.dgn		DRAWN - LEC	REVISIED -			57/70	(25-4)R	EFFINGHAM	1760	1609
PLOT SCALE = \$SCALE\$		CHECKED - BRM	REVISIED -			CONTRACT NO. 74295				
PLOT DATE = \$DATE\$		DATE - 12-16-08	REVISIED -			SCALE: 1"=10'	SHEET NO. 2 OF 8 SHEETS	STA. 13+00.00 TO STA. 14+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

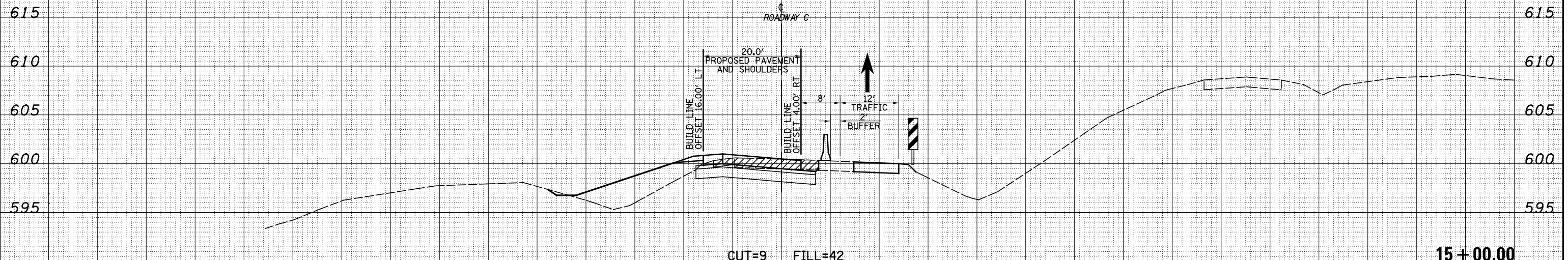
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	



DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	



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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)

SCALE: 1"=10' SHEET NO. 3 OF 8 SHEETS STA. 15+00.00 TO STA. 16+00.00

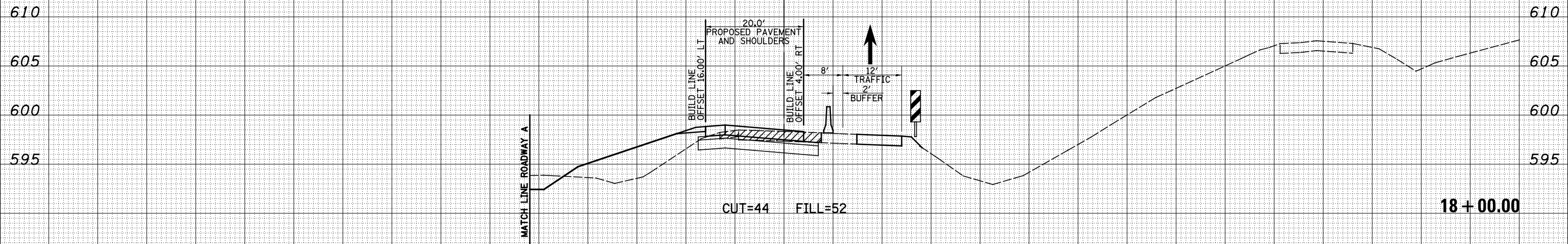
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1610
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

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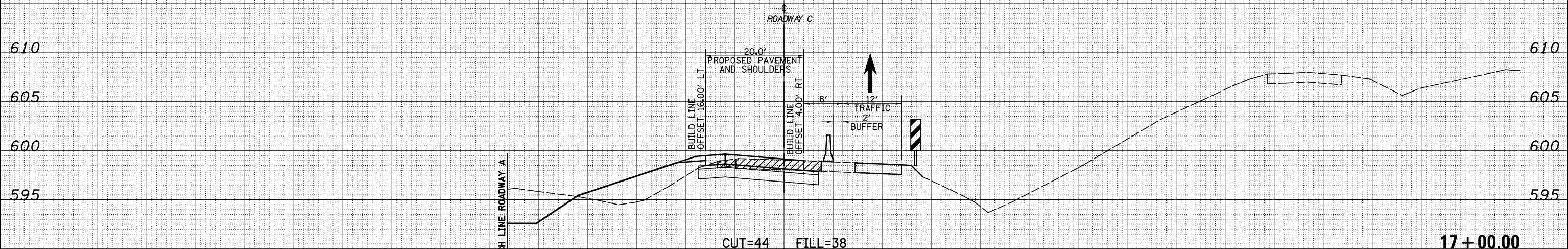
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)

SCALE: 1"=10' SHEET NO. 4 OF 8 SHEETS STA. 17+00.00 TO STA. 18+00.00

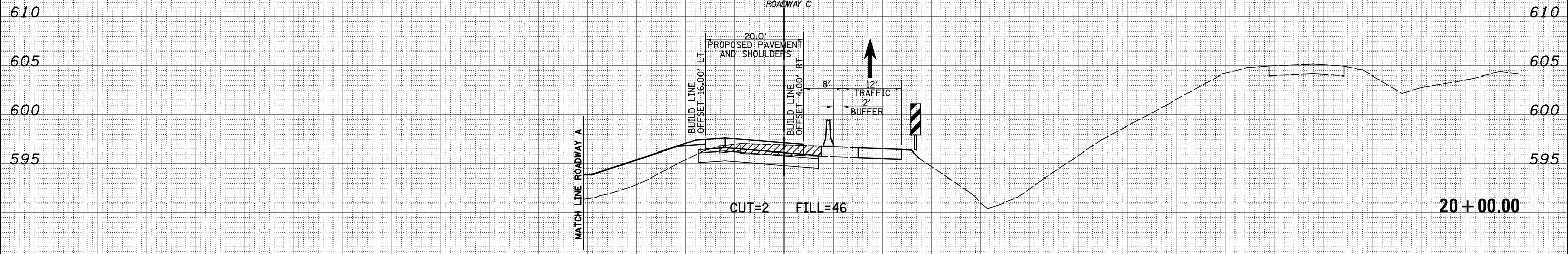
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1611
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

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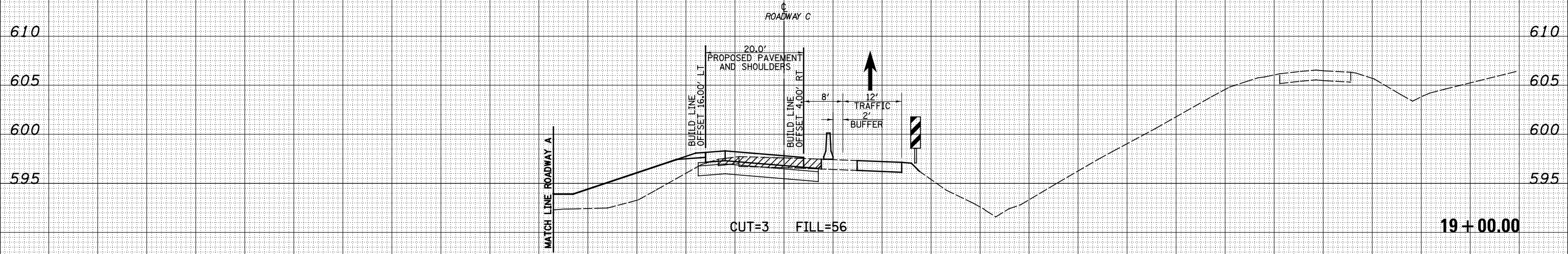
LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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 DRAWN - LEC
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REVISED -
 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

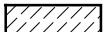

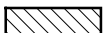


MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)

SCALE: 1"=10' SHEET NO. 5 OF 8 SHEETS STA. 19+00.00 TO STA. 20+00.00

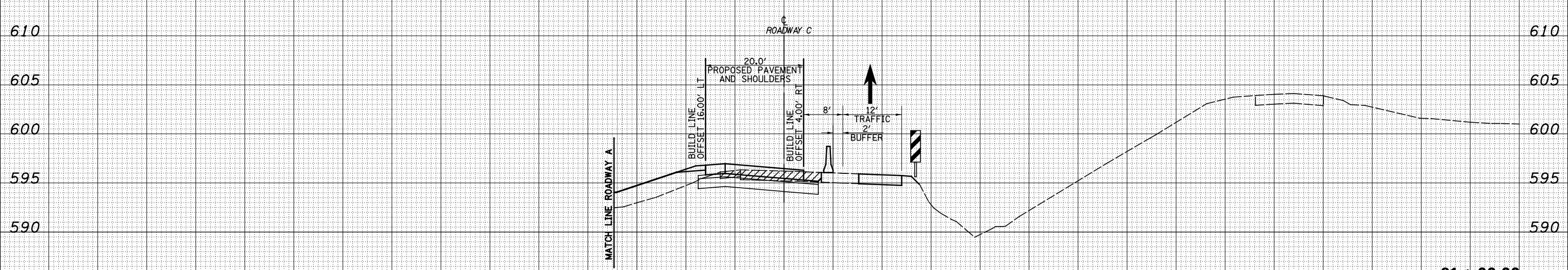
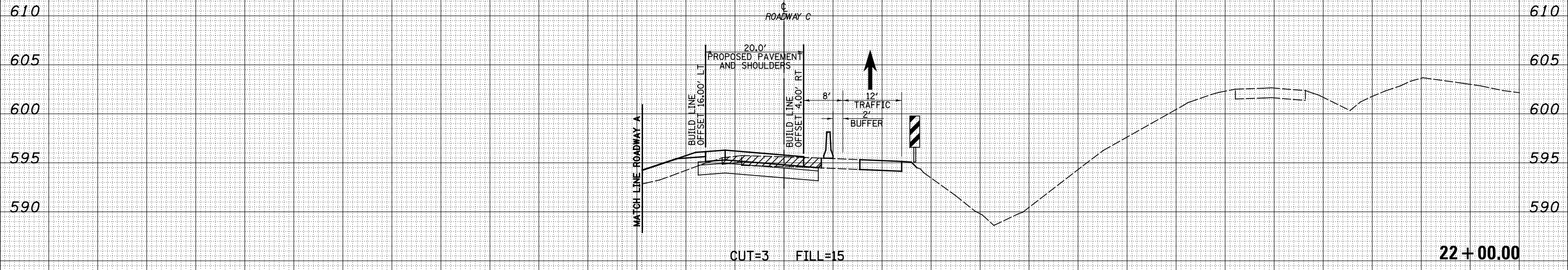
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1612
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = *USERS*

DESIGNED - JWS
 DRAWN - LEC
 CHECKED - BRM
 DATE - 12-16-08

REVISED -
 REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)

SCALE: 1"=10' SHEET NO. 6 OF 8 SHEETS STA. 21+00.00 TO STA. 22+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1613
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

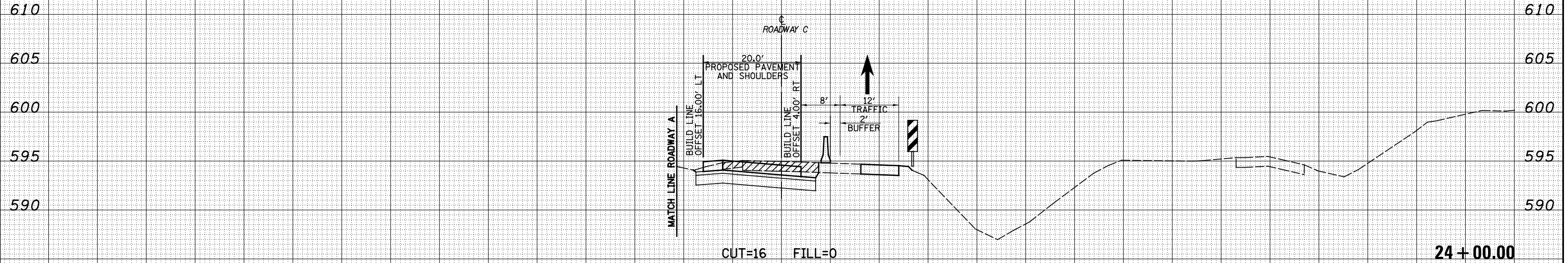
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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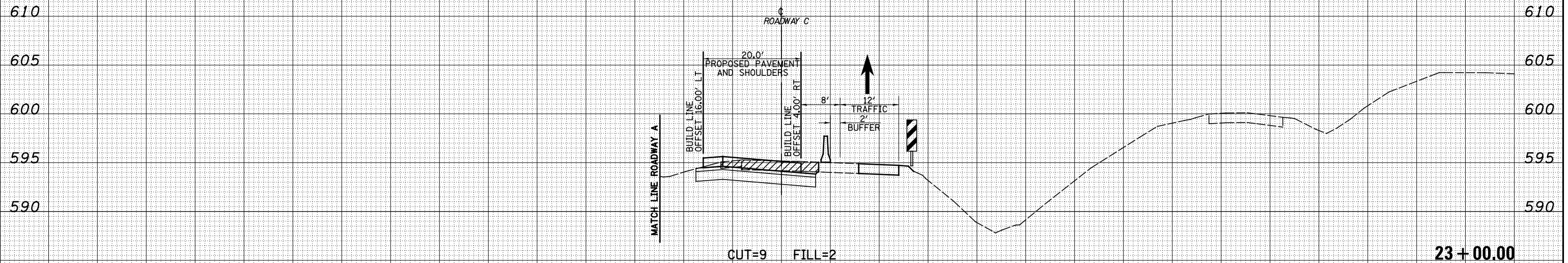
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	



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USER NAME = \$USER\$
 DESIGNED - JWS
 DRAWN - LEC
 CHECKED - BRM
 DATE - 12-16-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)

SCALE: 1"=10' SHEET NO. 7 OF 8 SHEETS STA. 23+00.00 TO STA. 24+00.00

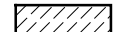

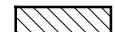


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1614
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

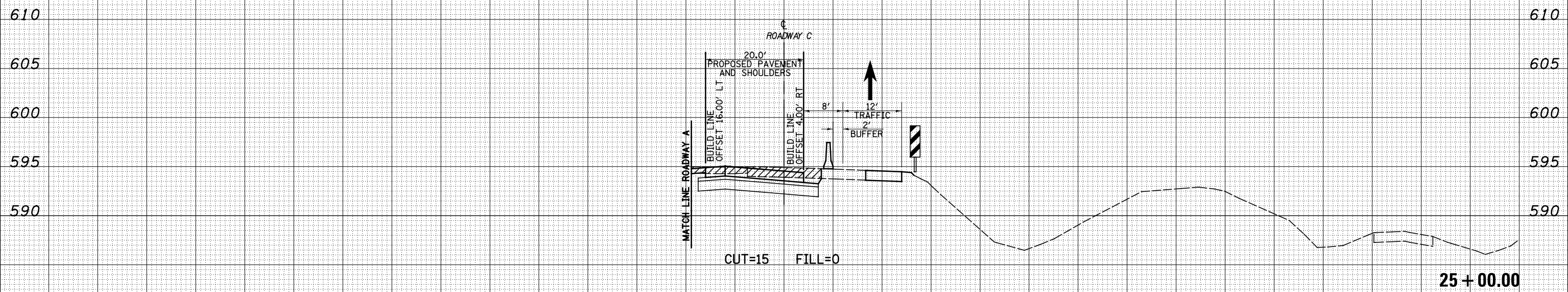
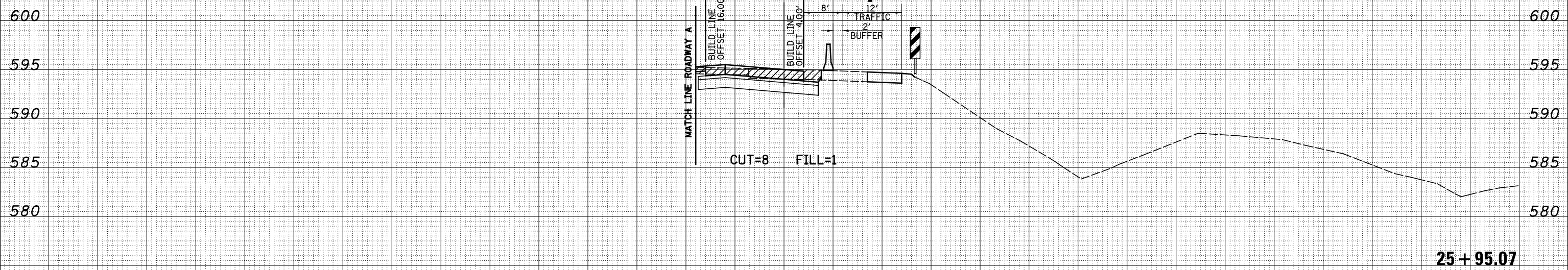
DATE	
BY	
FINISHED	
DATE	
NO.	
ORIGINAL SURVEY	
DATE	
NO.	
AREAS CHECKED	
AREAS CHECKED	

DATE	
BY	
FINISHED	
DATE	
NO.	
ORIGINAL SURVEY	
DATE	
NO.	
AREAS CHECKED	
AREAS CHECKED	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

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REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

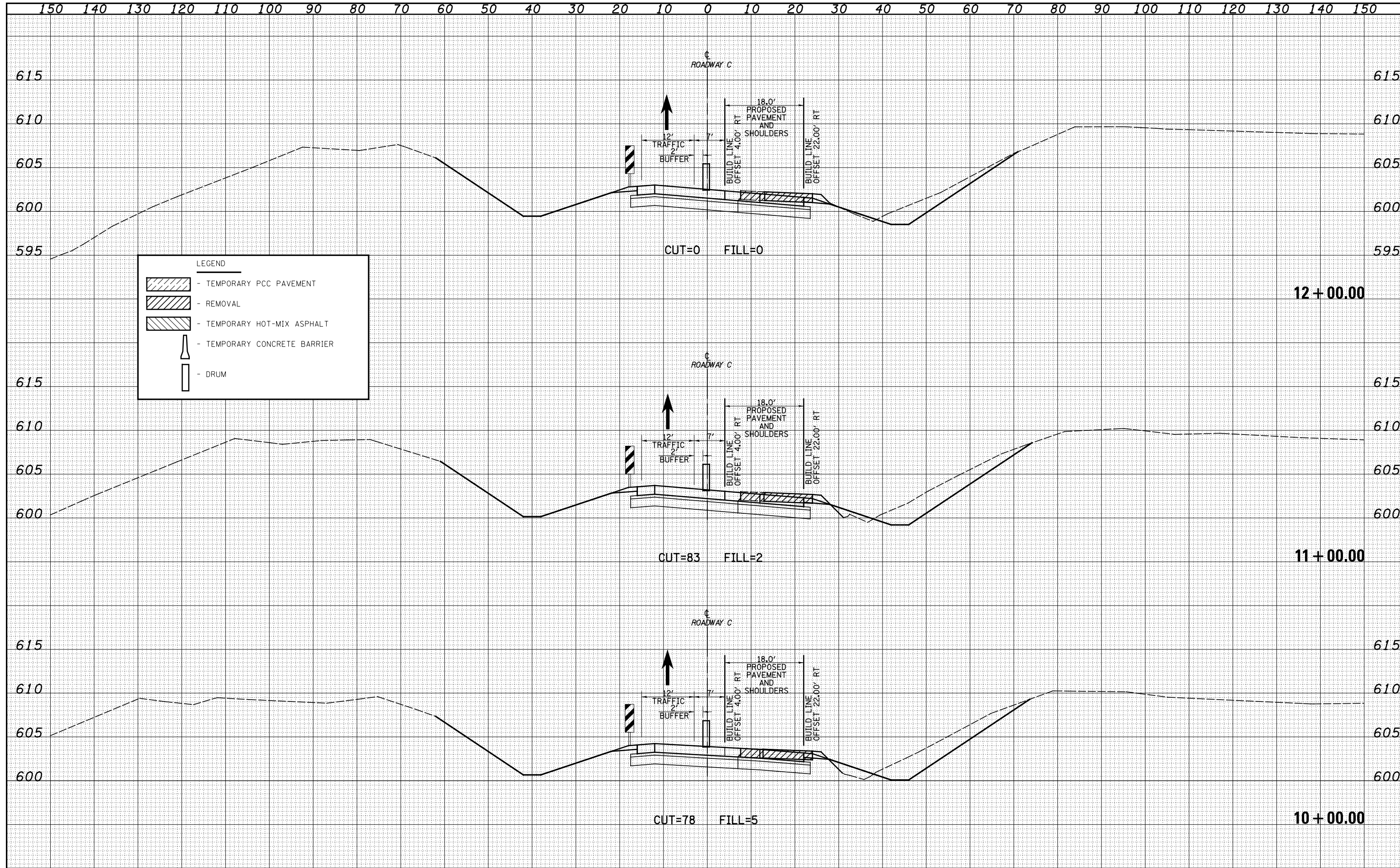
MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 1)

SCALE: 1"=10' SHEET NO. 8 OF 8 SHEETS STA. 25+00.00 TO STA. 25+95.07

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1615
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
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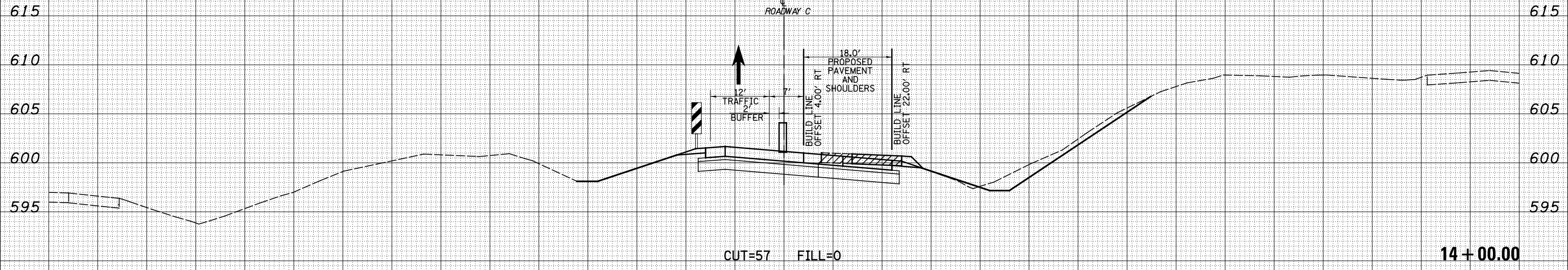


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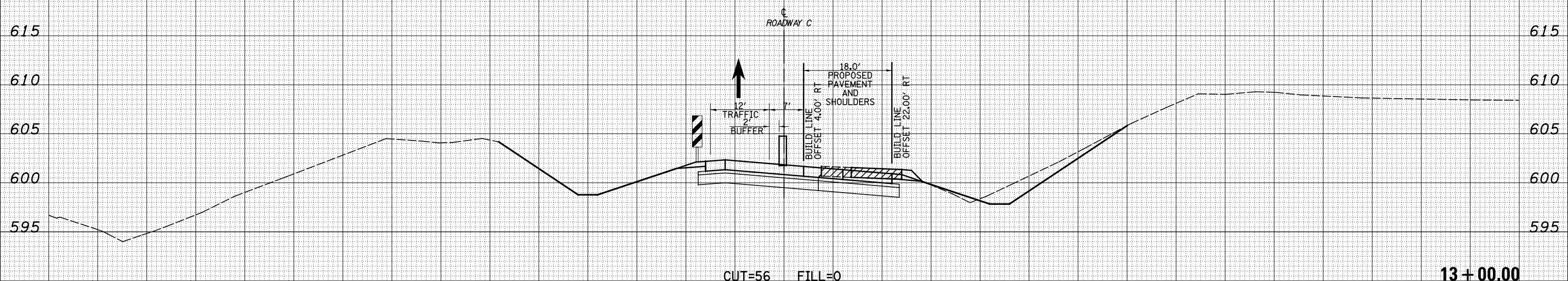
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = *USERS*

DESIGNED - JWS
DRAWN - LEC
CHECKED - BRM
DATE - 12-16-08

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 2)

SCALE: 1"=10' SHEET NO. 2 OF 8 SHEETS STA. 13+00.00 TO STA. 14+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1617
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

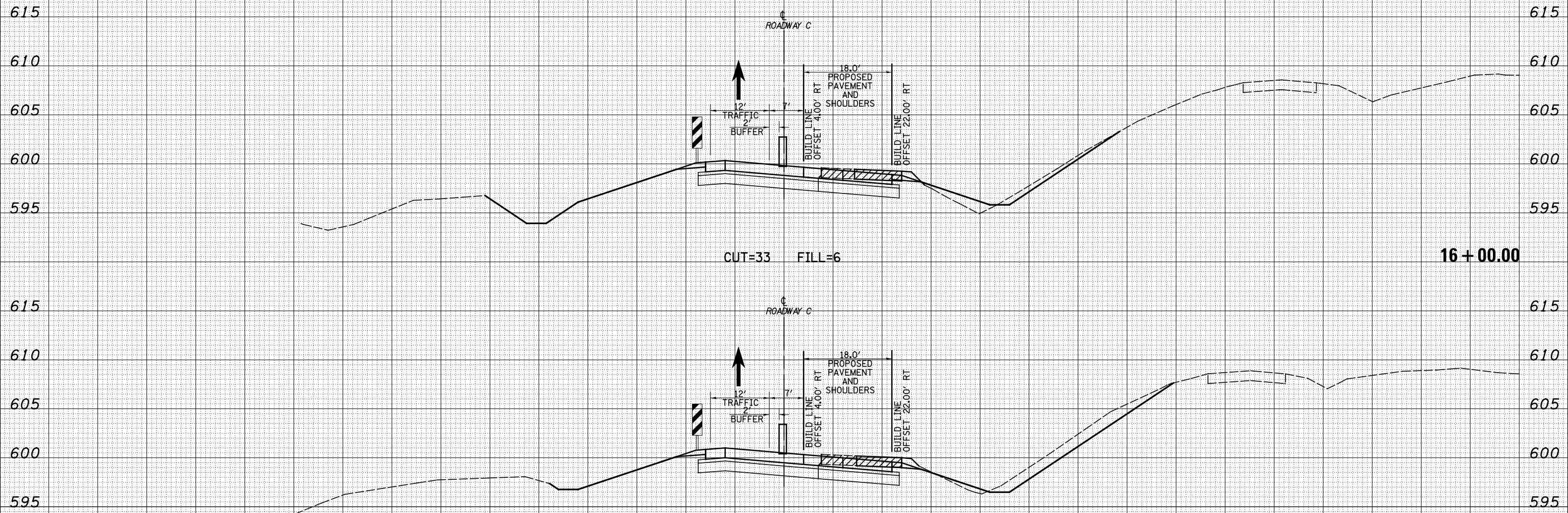
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 2)

SCALE: 1"=10' SHEET NO. 3 OF 8 SHEETS STA. 15+00.00 TO STA. 16+00.00

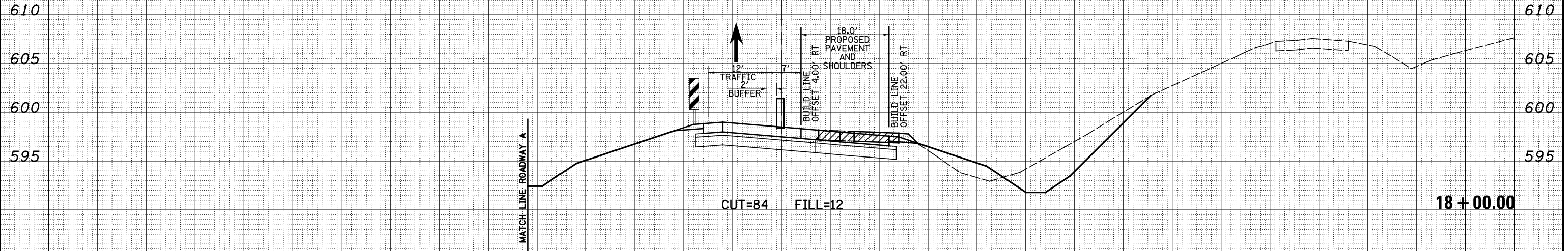
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1618
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

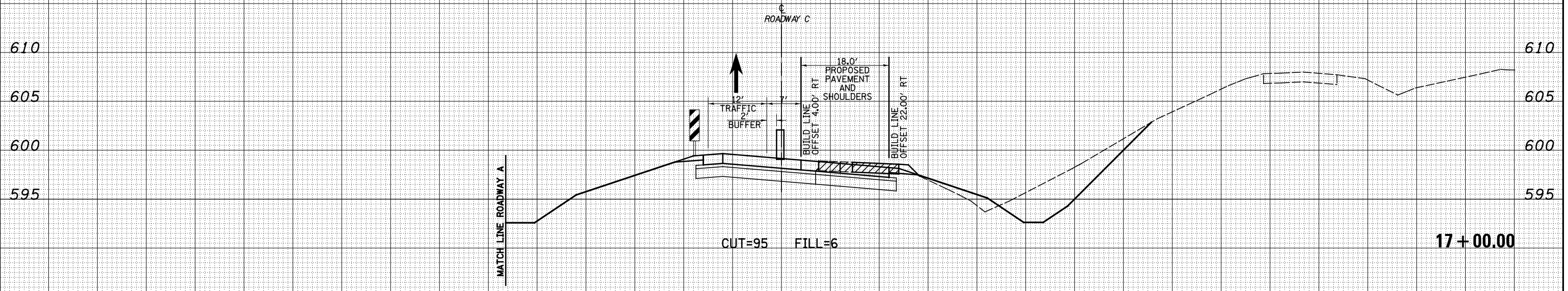
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 2)

SCALE: 1"=10' SHEET NO. 4 OF 8 SHEETS STA. 17+00.00 TO STA. 18+00.00

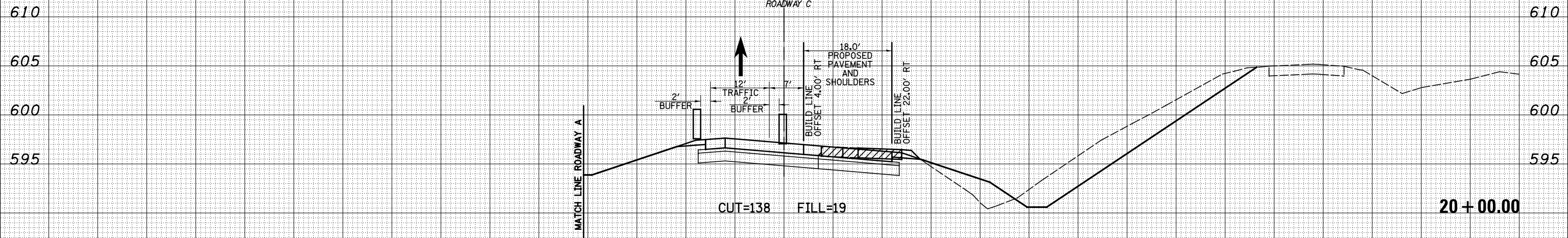
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1619
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

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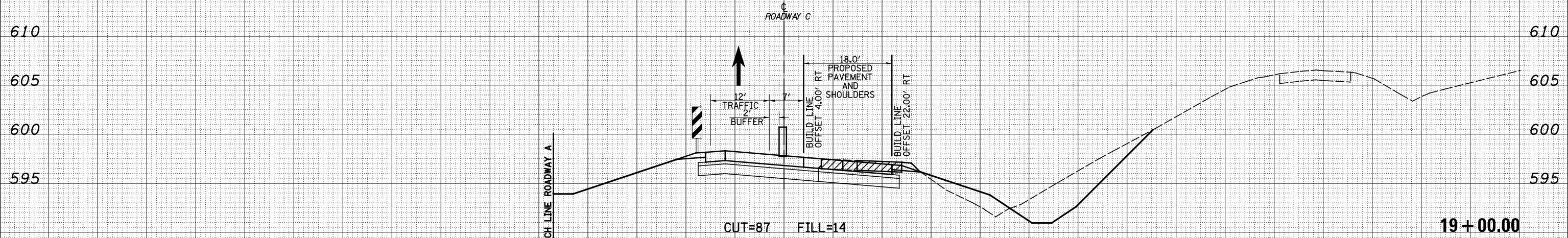
LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

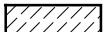

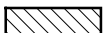


MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 2)

SCALE: 1"=10' SHEET NO. 5 OF 8 SHEETS STA. 19+00.00 TO STA. 20+00.00

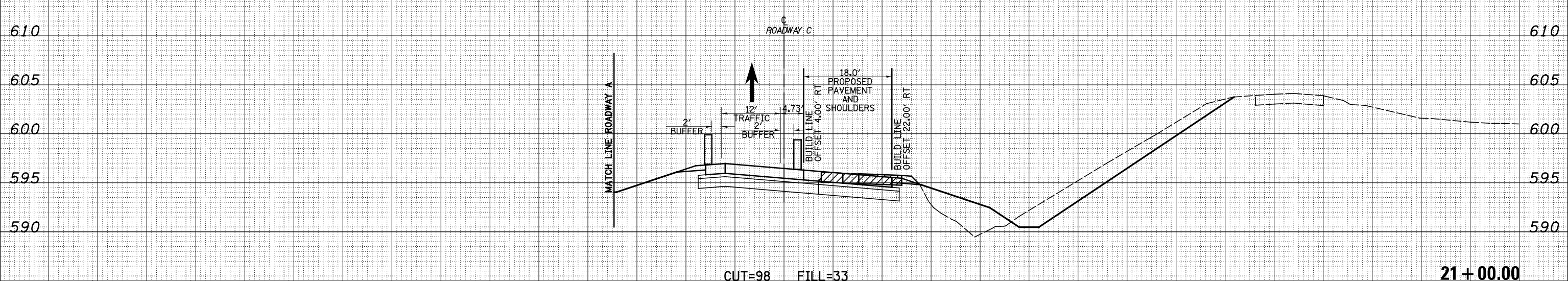
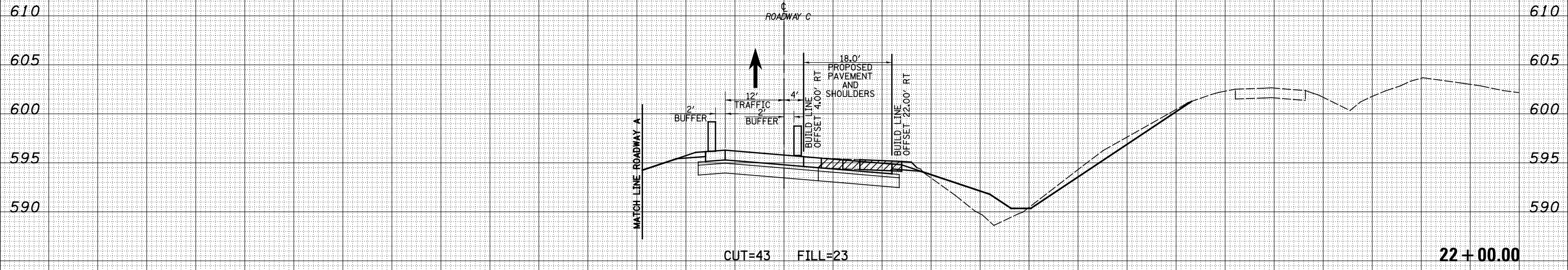
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57/70	(25-4)R	EFFINGHAM	1760	1620
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
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AREAS	
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DATE - 12-16-08

REVISED -

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 2)

SCALE: 1"=10' SHEET NO. 6 OF 8 SHEETS STA. 21+00.00 TO STA. 22+00.00

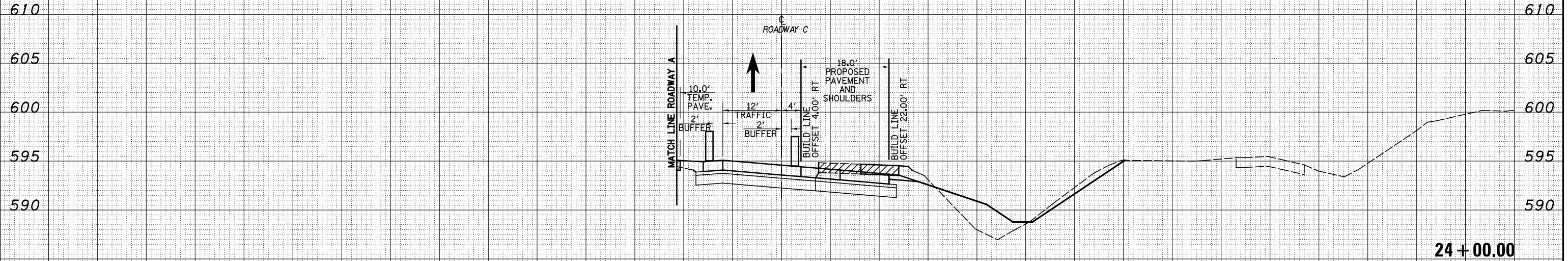
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57/70	(25-4)R	EFFINGHAM	1760	1621
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

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LEGEND

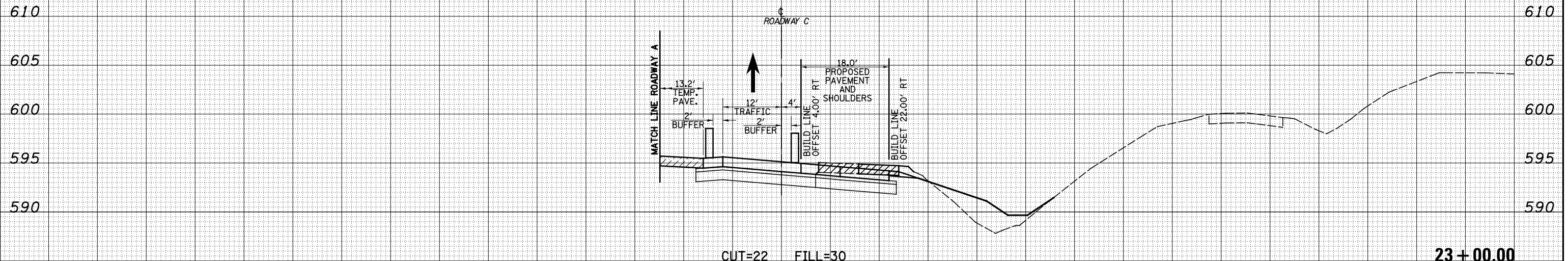
- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	



CUT=46 FILL=31

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	



CUT=22 FILL=30

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USER NAME = *USERS*

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DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY C (STAGE 2)

SCALE: 1"=10' SHEET NO. 7 OF 8 SHEETS STA. 23+00.00 TO STA. 24+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1622
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

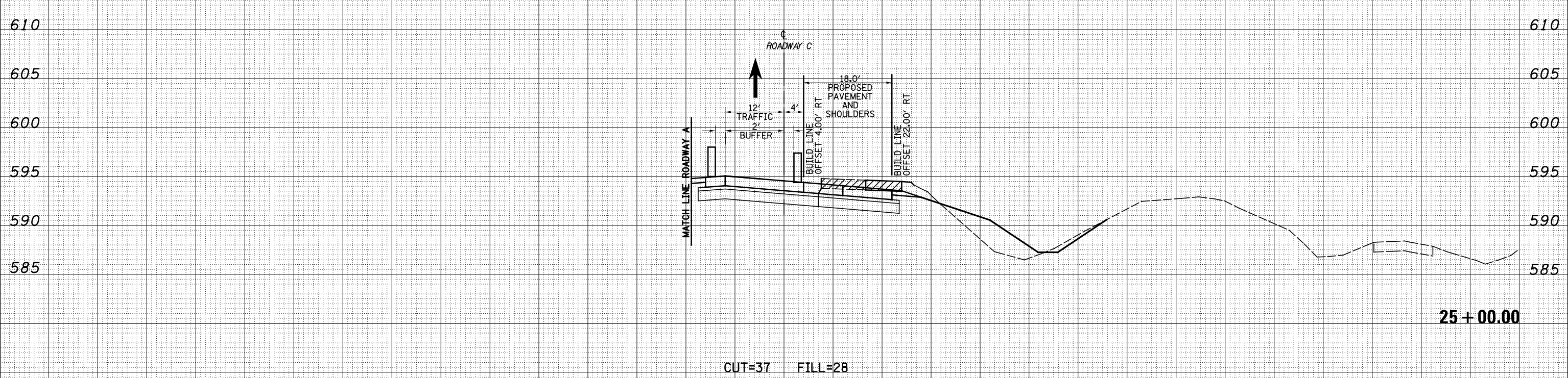
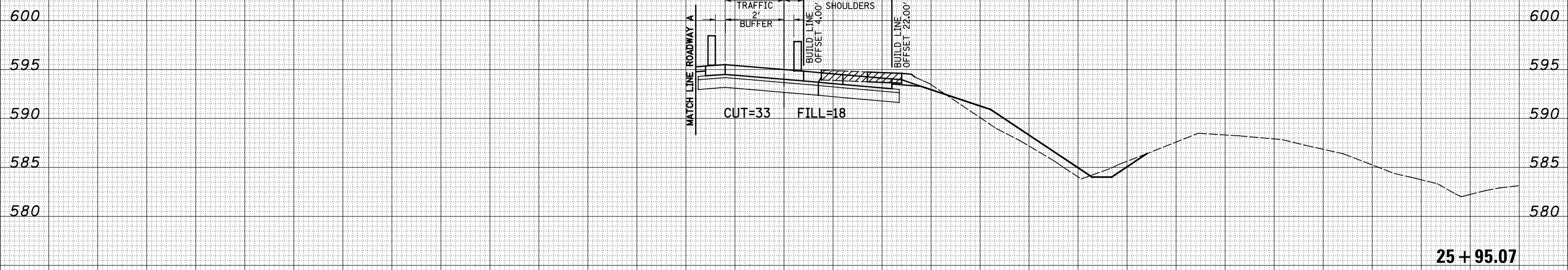
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BY	
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AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM



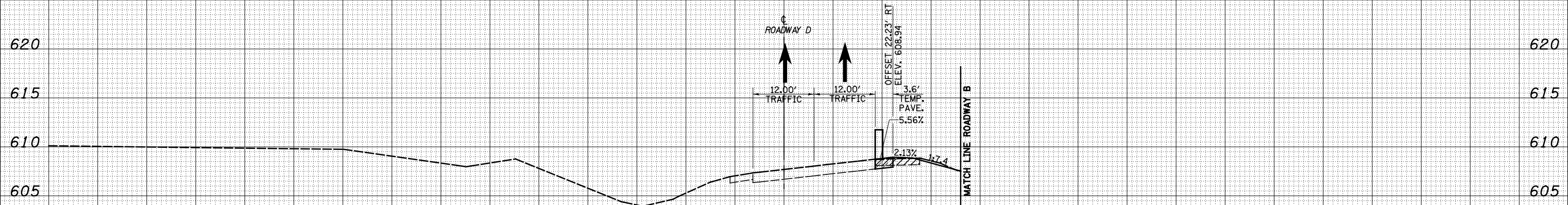
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PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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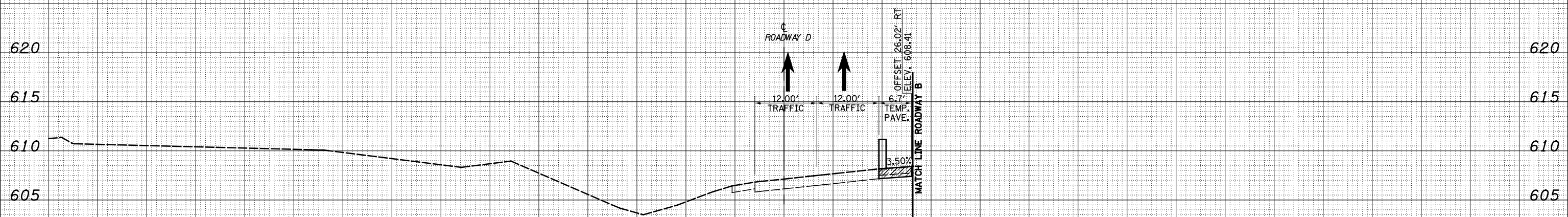
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM



CUT=2 FILL=4

5358 + 00.00



CUT=2 FILL=0

5357 + 02.27

150 140 130 120 110 100 90 80 70 60 50 40 30 20 20 0 20 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY D (PRE-STAGE 1)

SCALE: 1"=10' SHEET NO. 1 OF 6 SHEETS STA. 5357+02.27 TO STA. 5358+00.00

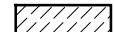

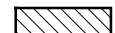


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

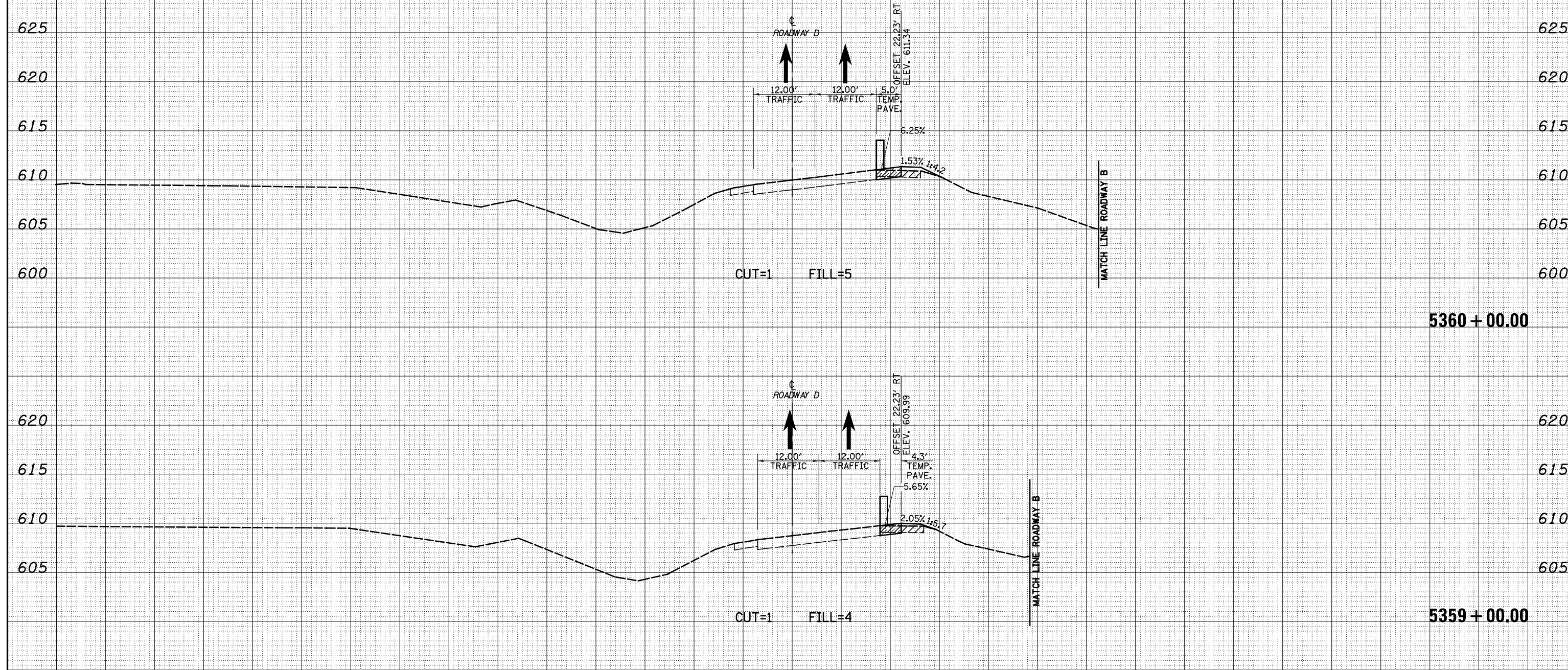
DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 20 0 20 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM



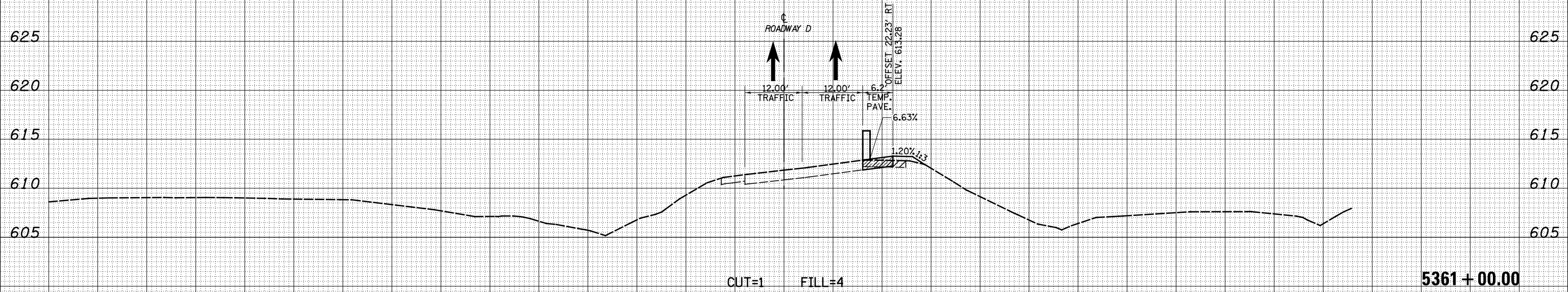
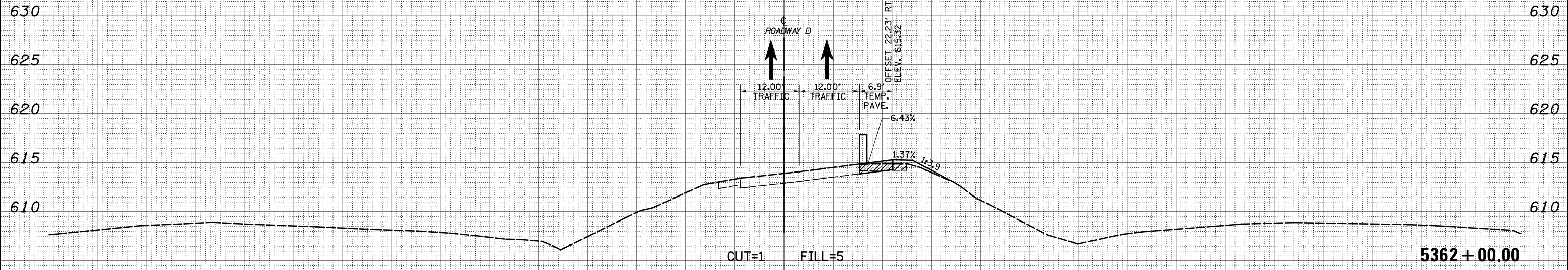
DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 20 0 20 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM



150 140 130 120 110 100 90 80 70 60 50 40 30 20 20 0 20 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
ROADWAY D (PRE-STAGE 1)**

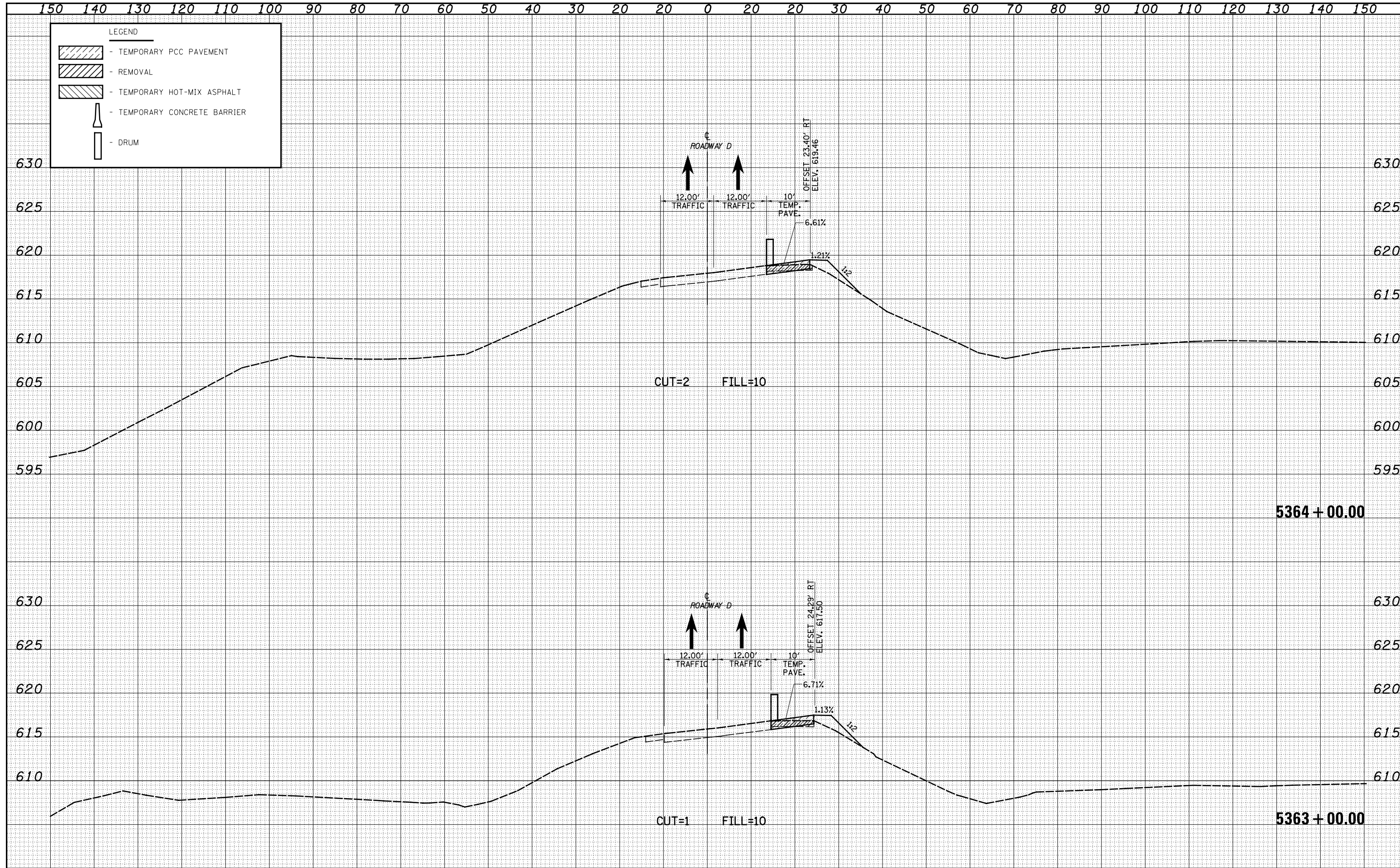
SCALE: 1"=10'

SHEET NO. 3 OF 6 SHEETS STA. 5361+00.00 TO STA. 5362+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1626
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	






DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
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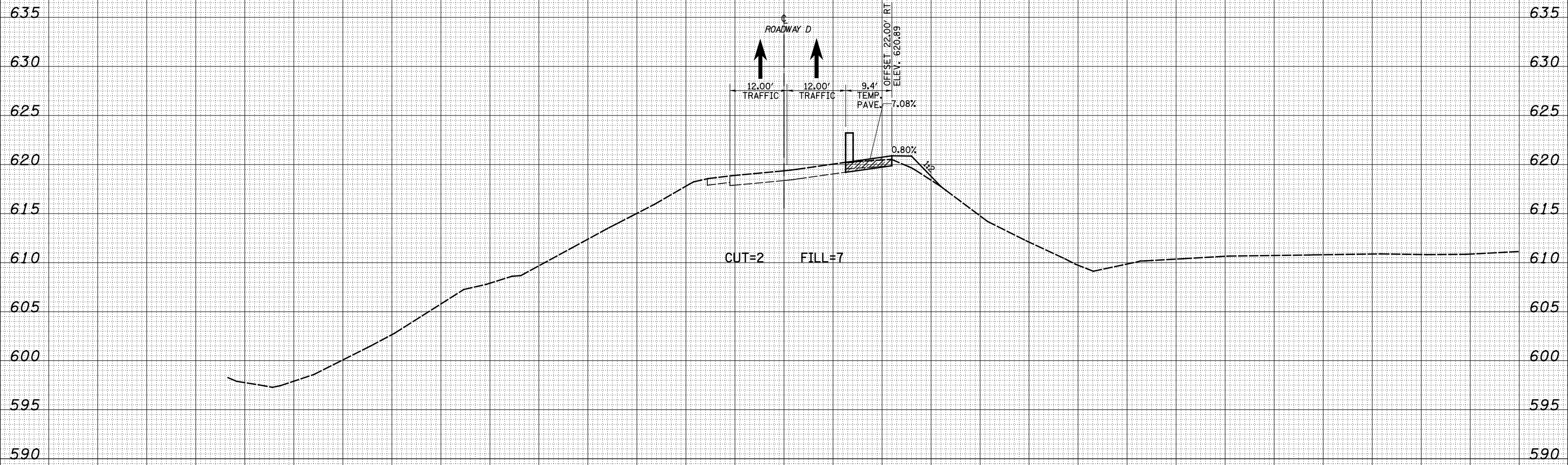
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LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



5365 + 00.00

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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-16-08

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (PRE-STAGE 1)

SCALE: 1"=10'

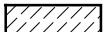

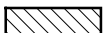


SHEET NO. 5 OF 6 SHEETS

STA. 5365+00.00 TO STA. 5365+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1628
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

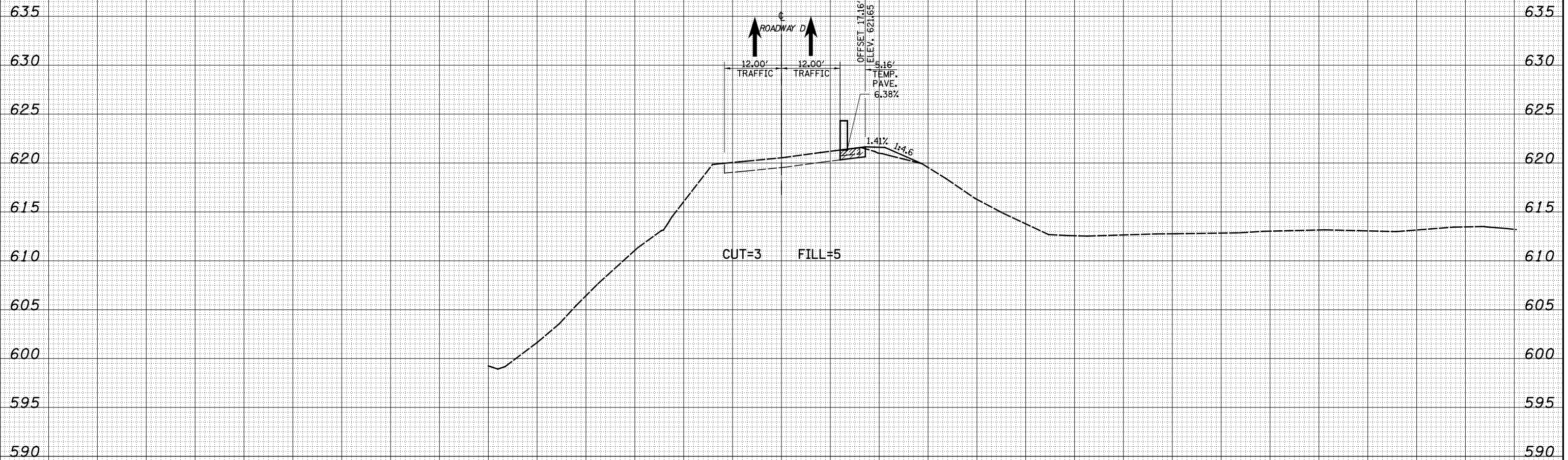
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LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL	
SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



5366 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 20 0 20 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = S:\Projects\403-00072-57-70\dgn\Trl\l\ksh\T0NRDMOT.PSDgn

USER NAME = *USERS*
 DESIGNED - JWS
 DRAWN - LEC
 CHECKED - BRM
 DATE - 12-16-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






**MAINTENANCE OF TRAFFIC NORTH TRI LEVEL -
 ROADWAY D (PRE-STAGE 1)**

SCALE: 1"=10' SHEET NO. 6 OF 6 SHEETS STA. 5366+00.00 TO STA. 5366+00.00

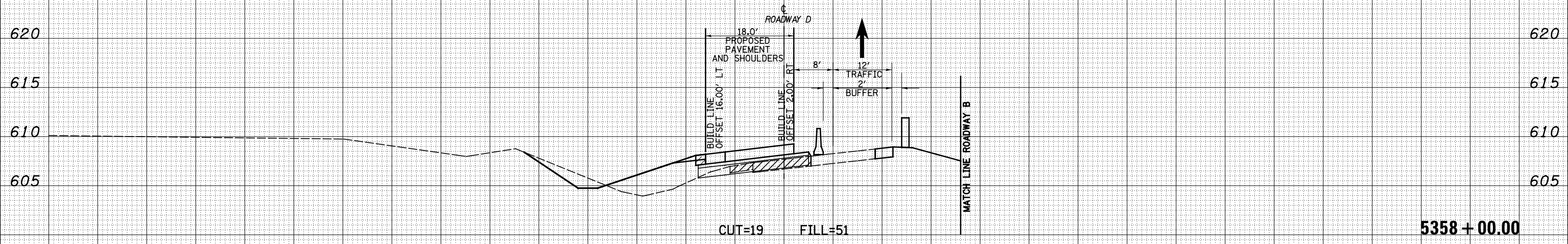
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1629
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

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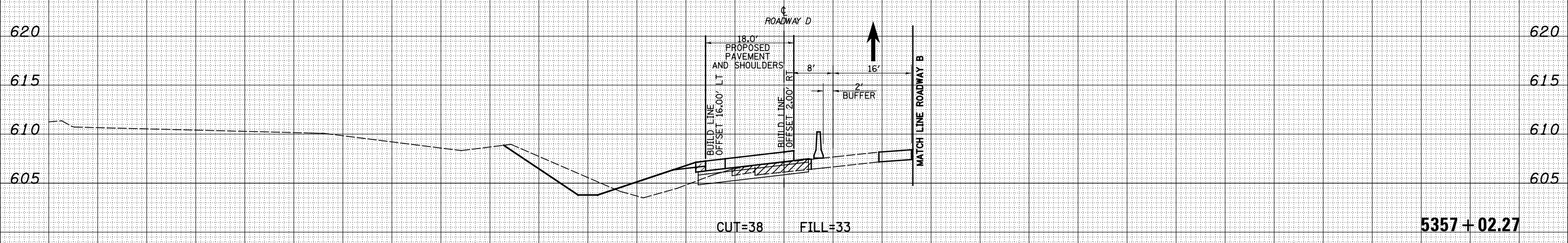
LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = \$USER\$
 DESIGNED - JWS
 DRAWN - LEC
 CHECKED - BRM
 DATE - 12-18-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1)

SCALE: 1"=10' SHEET NO. 1 OF 6 SHEETS STA. 5357+02.27 TO STA. 5358+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1630
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

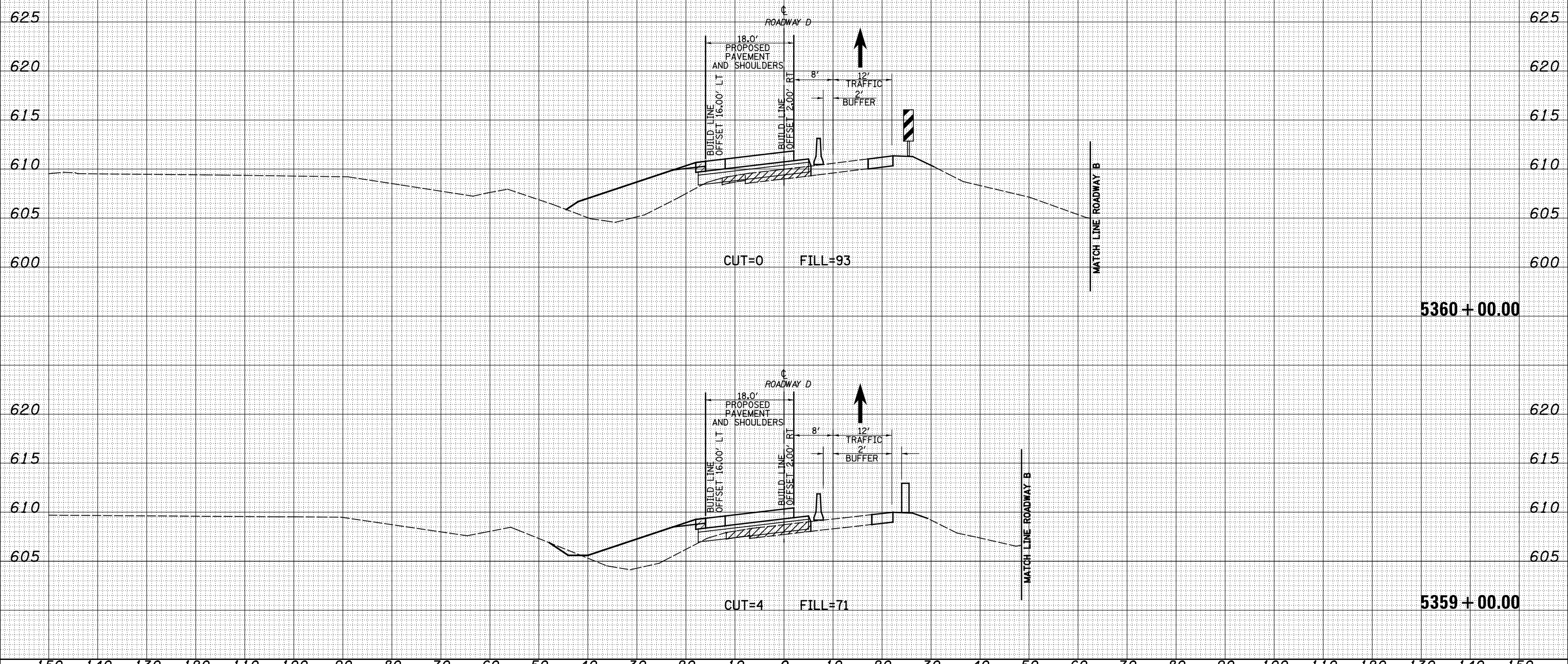
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

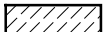

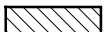




FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISÉD -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072-57-70\dgn\N Tr\ILV\ksh\10NRDMOT_S1.dgn		DRAWN - LEC	REVISÉD -	57/70	(25-4)R	EFFINGHAM	1760	1631
		CHECKED - BRM	REVISÉD -	MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1)		CONTRACT NO. 74295		
		DATE - 12-18-08	REVISÉD -	SCALE: 1"=10'	SHEET NO. 2 OF 6 SHEETS	STA. 5359+00.00 TO STA. 5360+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

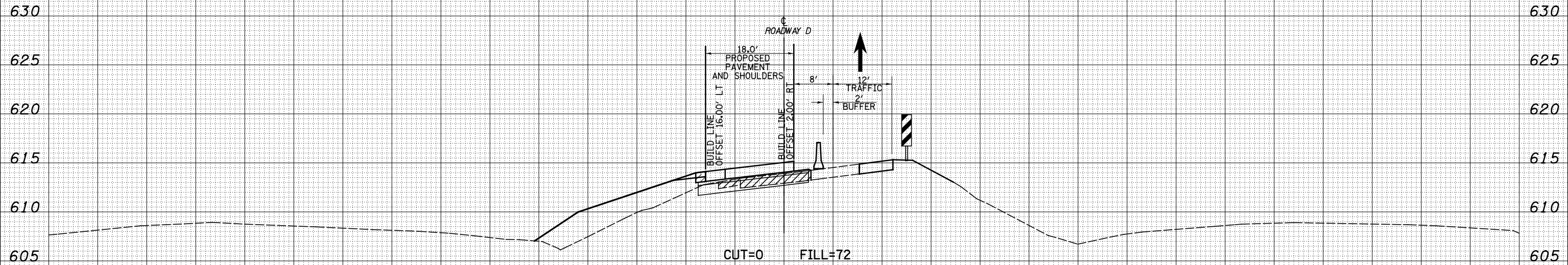
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

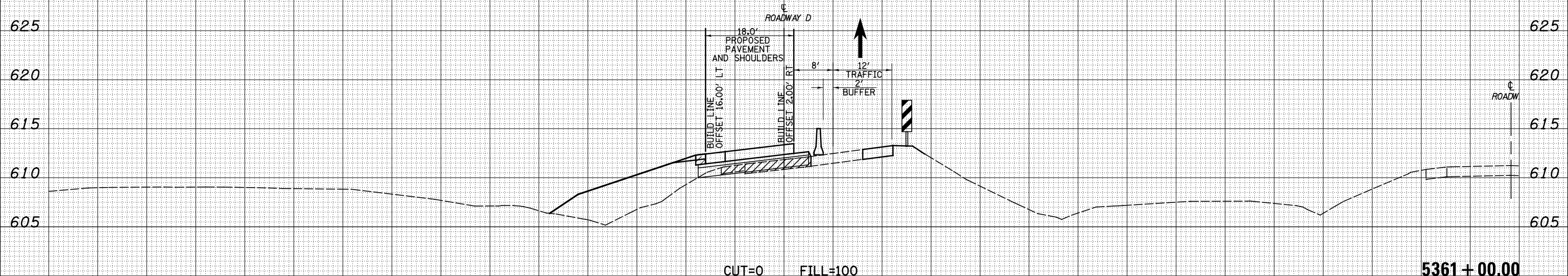
-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



5362 + 00.00

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



5361 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = S:\Projects\403-00072-57-70\dgn\Trl\l\ksh\10NRDMOT_Sldgn

USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-18-08

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1)

SCALE: 1"=10'

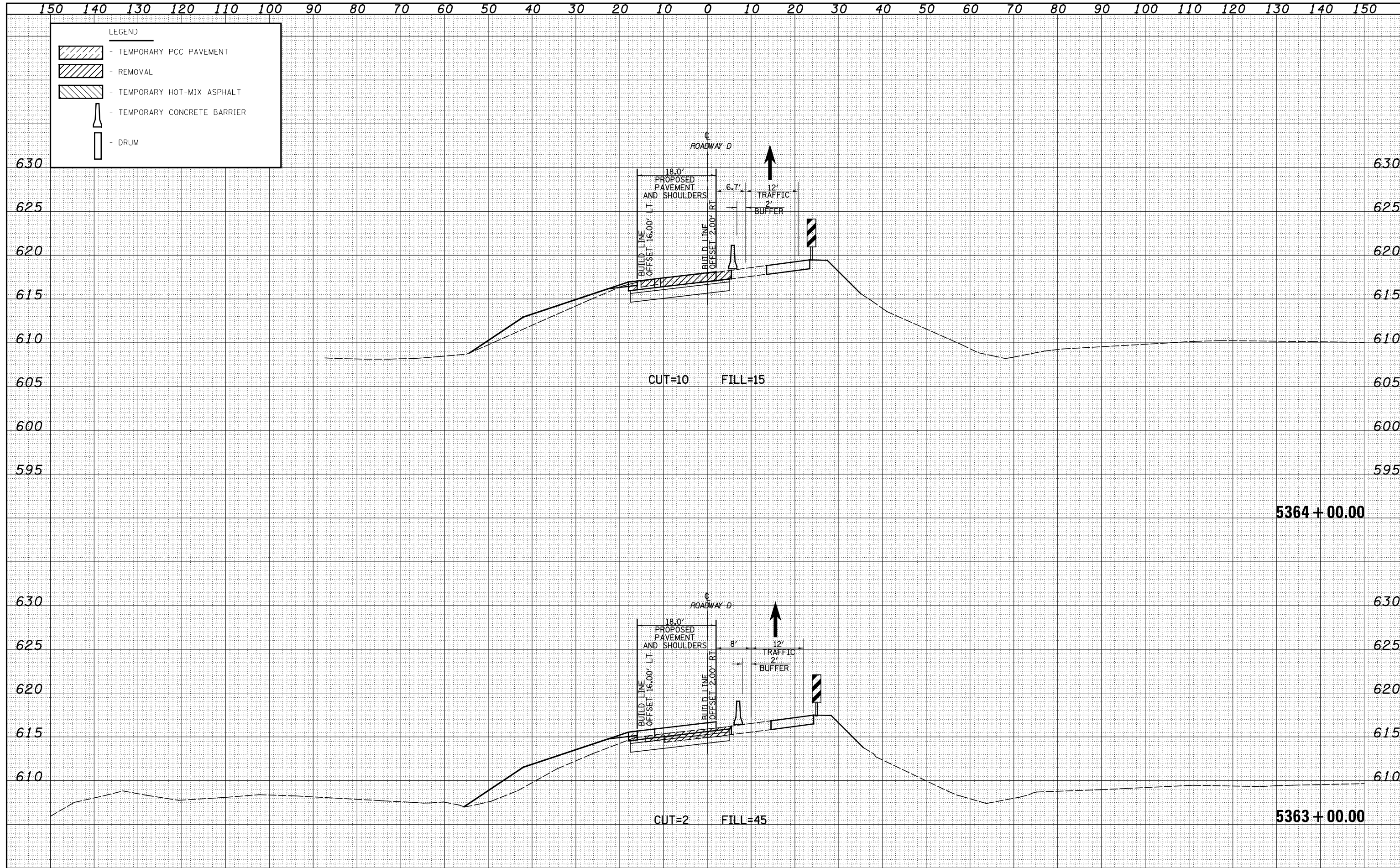
SHEET NO. 3 OF 6 SHEETS

STA. 5361+00.00 TO STA. 5362+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1632
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

DATE	
BY	
FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
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




DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = *USERS*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072.57-70\dgn\Tr\ILV\ksh\JONRD01.Sldgn		DRAWN - LEC	REVISED -			57/70	(25-4)R	EFFINGHAM	1760	1633
PLOT SCALE = *SCALE*		CHECKED - BRM	REVISED -			CONTRACT NO. 74295				
PLOT DATE = *DATE*		DATE - 12-18-08	REVISED -			SCALE: 1"=10'	SHEET NO. 4 OF 6 SHEETS	STA. 5363+00.00 TO STA. 5364+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

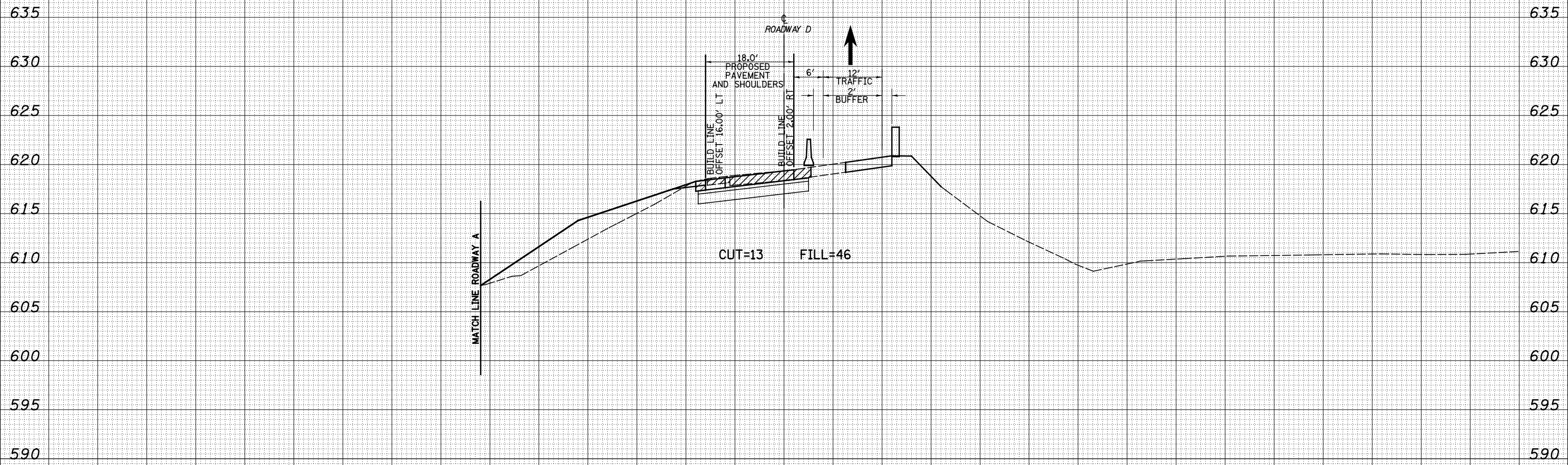
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL	
SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



5365 + 00.00

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	DRAWN - LEC	REVISED -
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PLOT DATE = *DATE*	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1)

SCALE: 1"=10' SHEET NO. 5 OF 6 SHEETS STA. 5365+00.00 TO STA. 5365+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1634
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

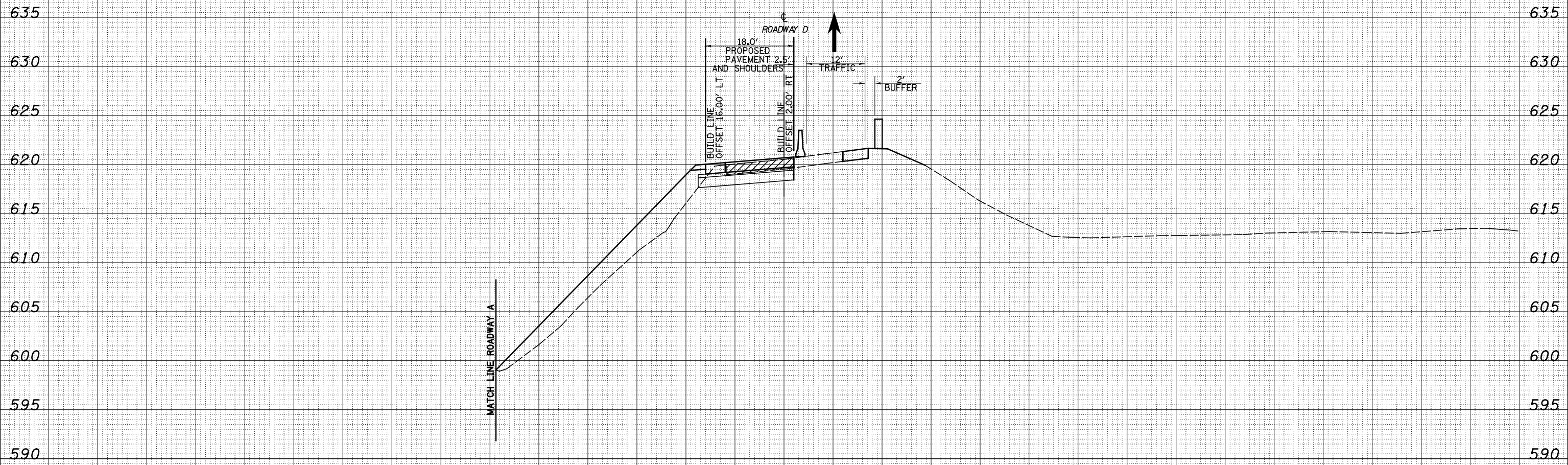
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



CUT=6 FILL=78

5366+00.00

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FILE NAME = S:\Projects\403-00072.57-70\dgn\Trl\l\ksh\TDRDMOT_Sl.dgn

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	DRAWN - LEC	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - BRM	REVISED -
PLOT DATE = \$DATE\$	DATE - 12-18-08	REVISED -

DESIGNED - JWS	REVISED -
DRAWN - LEC	REVISED -
CHECKED - BRM	REVISED -
DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1)

SCALE: 1"=10' SHEET NO. 6 OF 6 SHEETS STA. 5366+00.00 TO STA. 5366+00.00

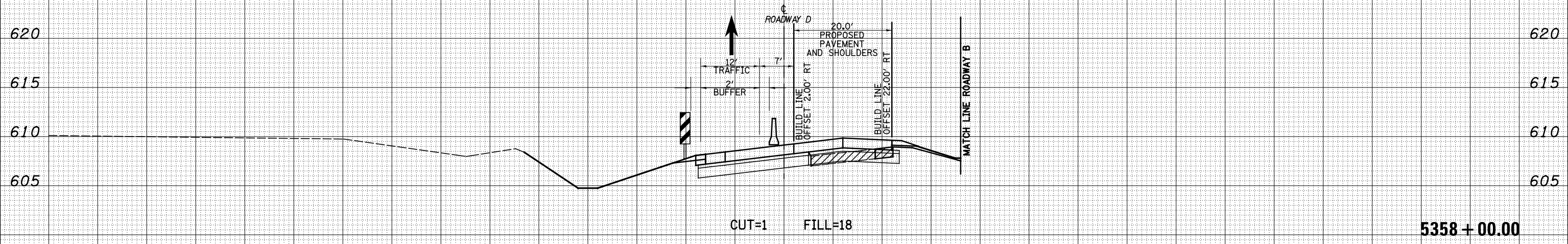
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1635
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

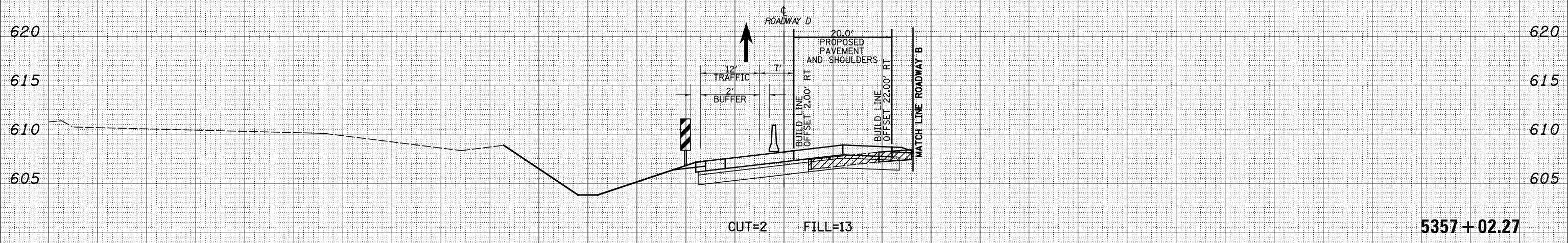
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



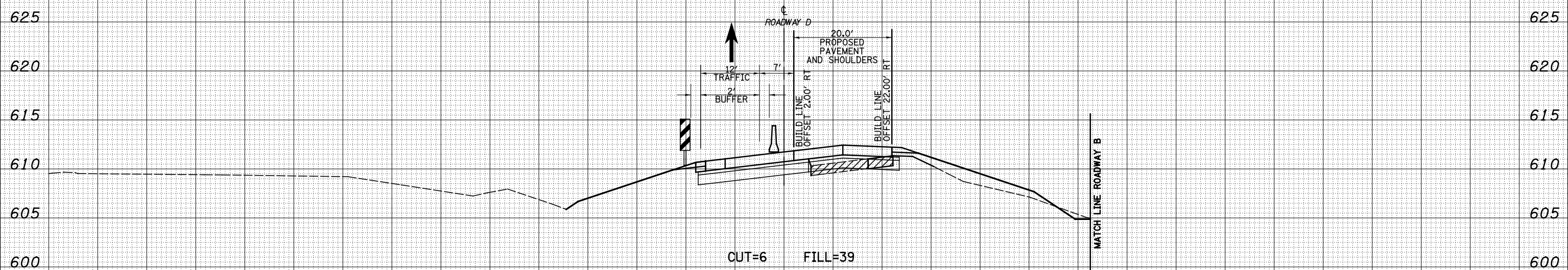
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

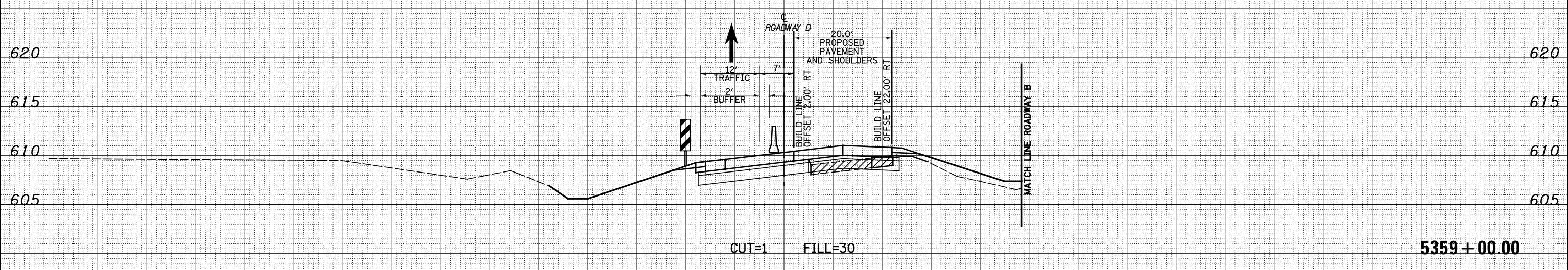
- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



5360 + 00.00

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



5359 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = S:\Projects\403-00072.51-70\dgn\Trl\l\ksh\10NRDMOT_SIB.dgn

USER NAME = *USERS*

DESIGNED - JWS
 DRAWN - LEC
 CHECKED - BRM
 DATE - 12-18-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1B)

SCALE: 1"=10' SHEET NO. 2 OF 6 SHEETS STA. 5359+00.00 TO STA. 5360+00.00

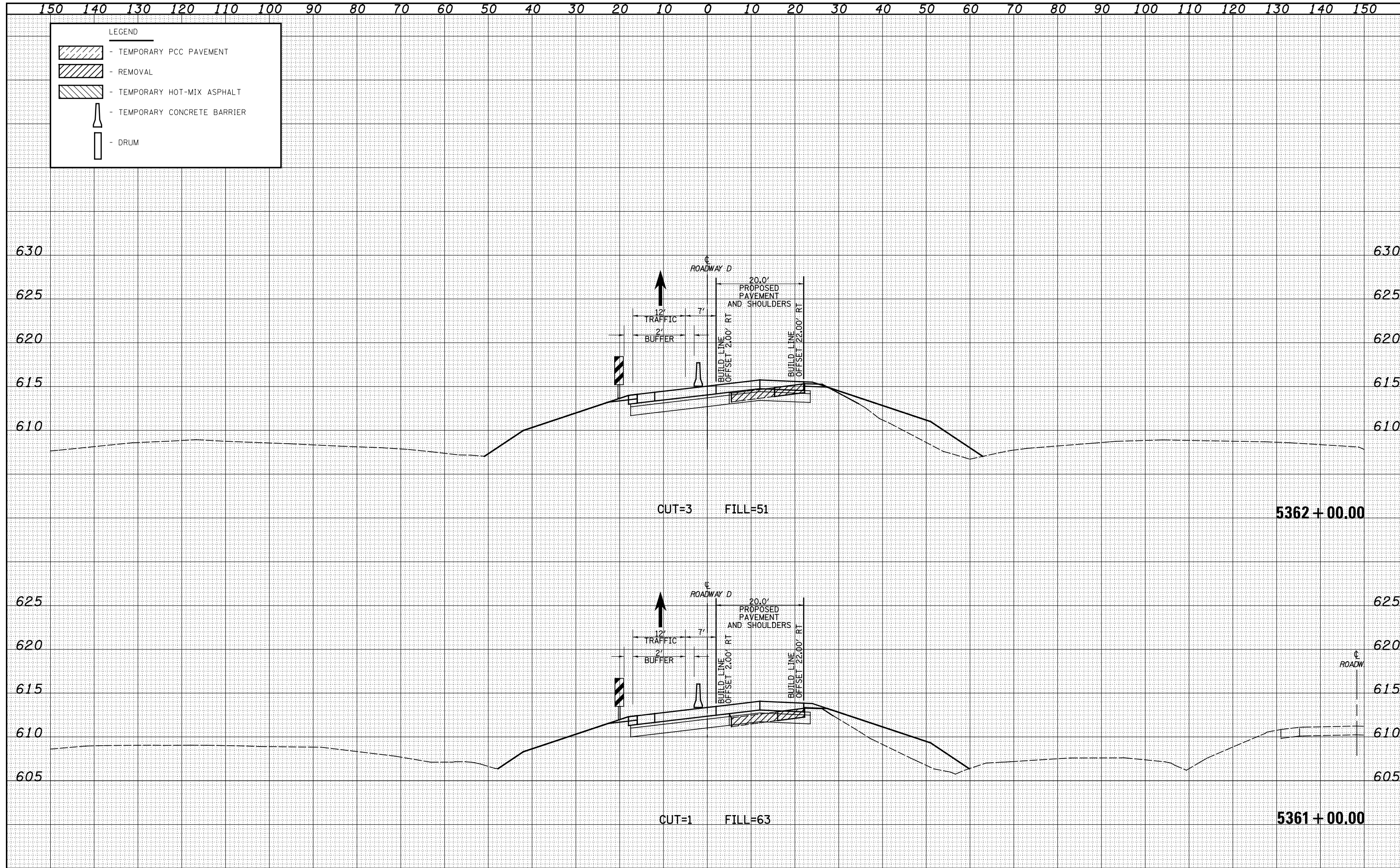
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1637
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM



FILE NAME = S:\Projects\403-00072.57-70\dgn\Trl\l\ksh\10NRDM01.SB.dgn

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	DRAWN - LEC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

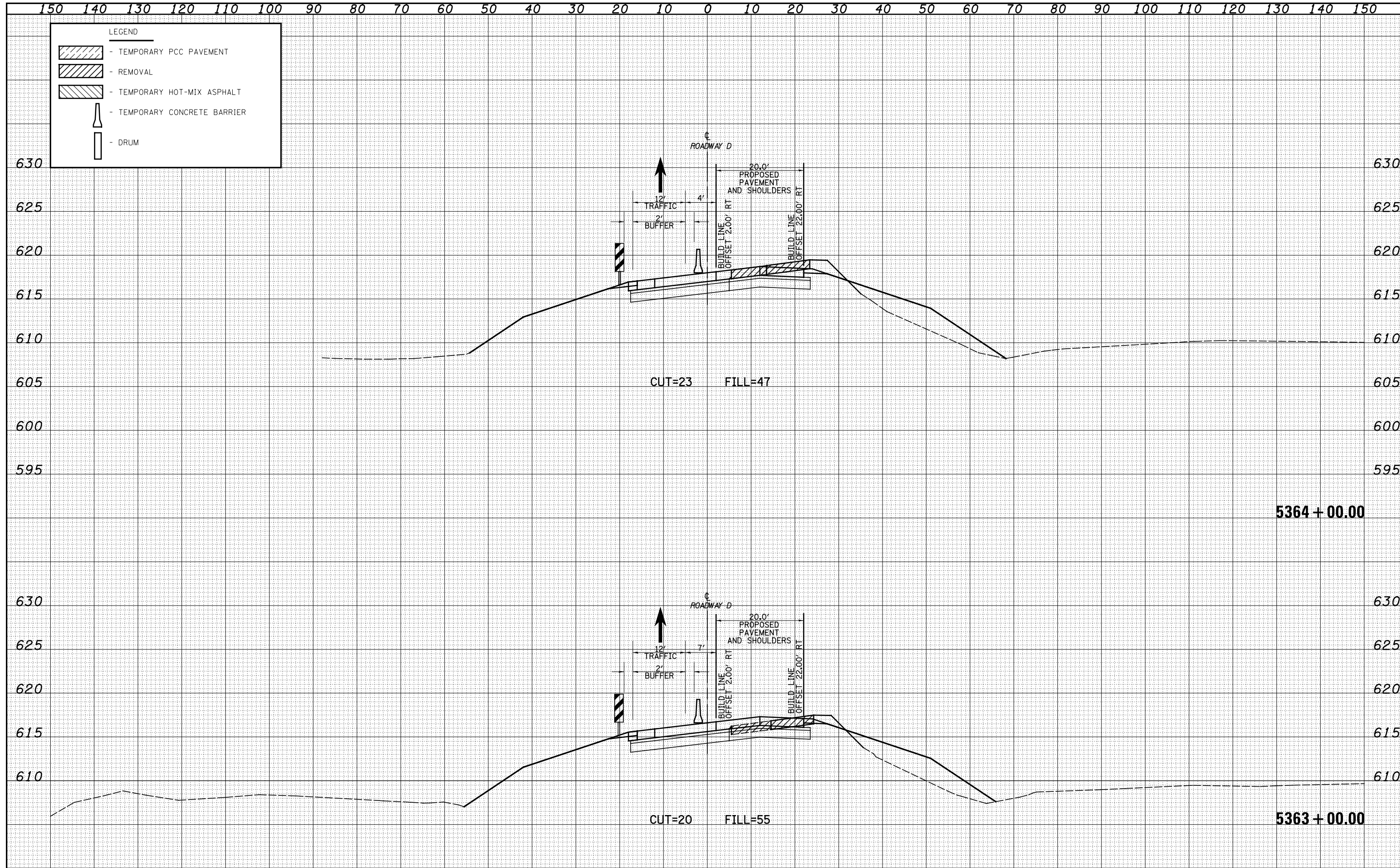
MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1B)

SCALE: 1"=10' SHEET NO. 3 OF 6 SHEETS STA. 5361+00.00 TO STA. 5362+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1638
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
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TEMPLATE	
NOTE BOOK	
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






LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

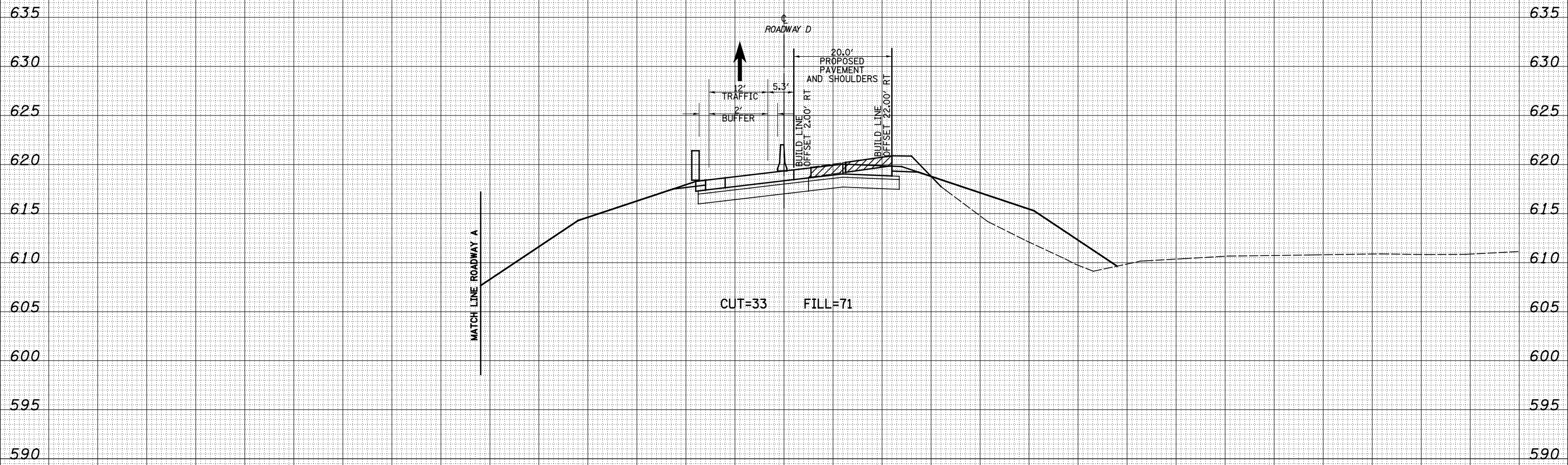
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



5365 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = S:\Projects\403-00072.51-70\dgn\Trl\l\ksh\10NRDM01.SB.dgn

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	DRAWN - LEC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1B)

SCALE: 1"=10' SHEET NO. 5 OF 6 SHEETS STA. 5365+00.00 TO STA. 5365+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1640
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

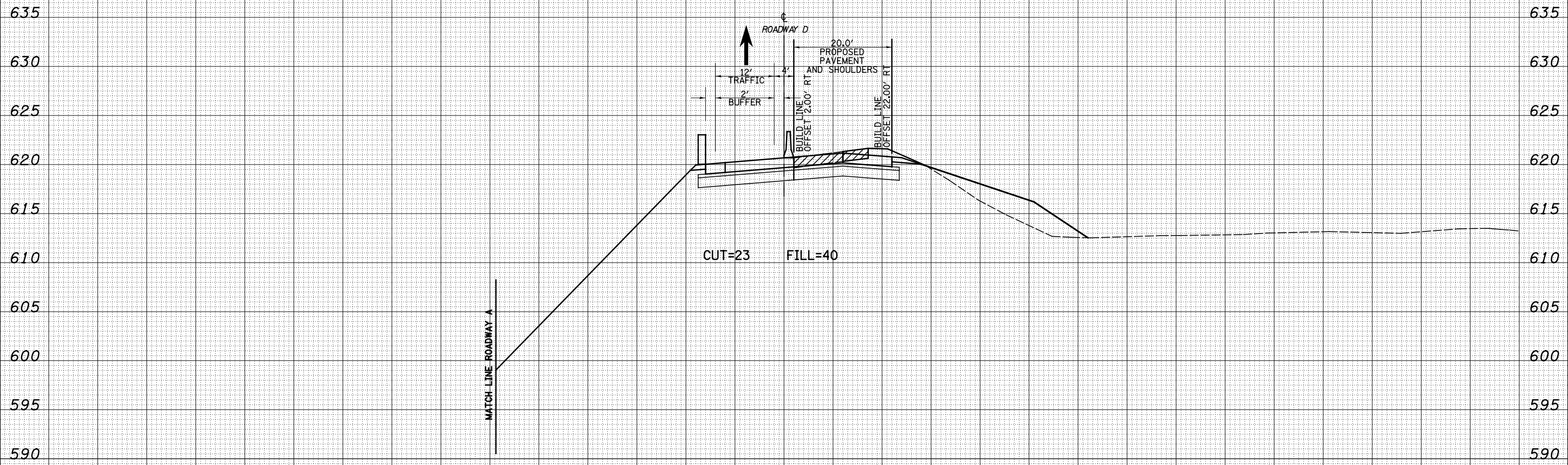
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



5366 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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	DRAWN - LEC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - ROADWAY D (STAGE 1B)
SCALE: 1"=10' SHEET NO. 6 OF 6 SHEETS STA. 5366+00.00 TO STA. 5366+00.00

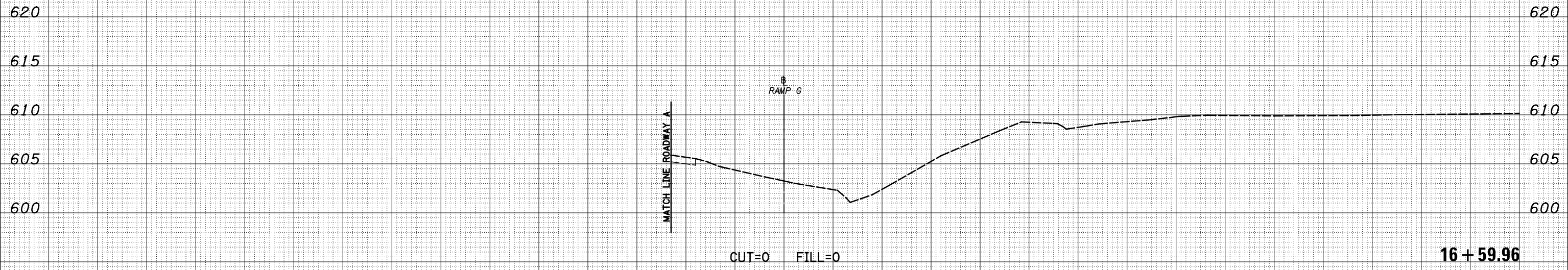
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1641
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = S:\Projects\403-00072.57-70\dgn\Trl\l\ksh\10NRGM01.PSDgn

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	DRAWN - LEC	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - BRM	REVISED -
PLOT DATE = \$DATE\$	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

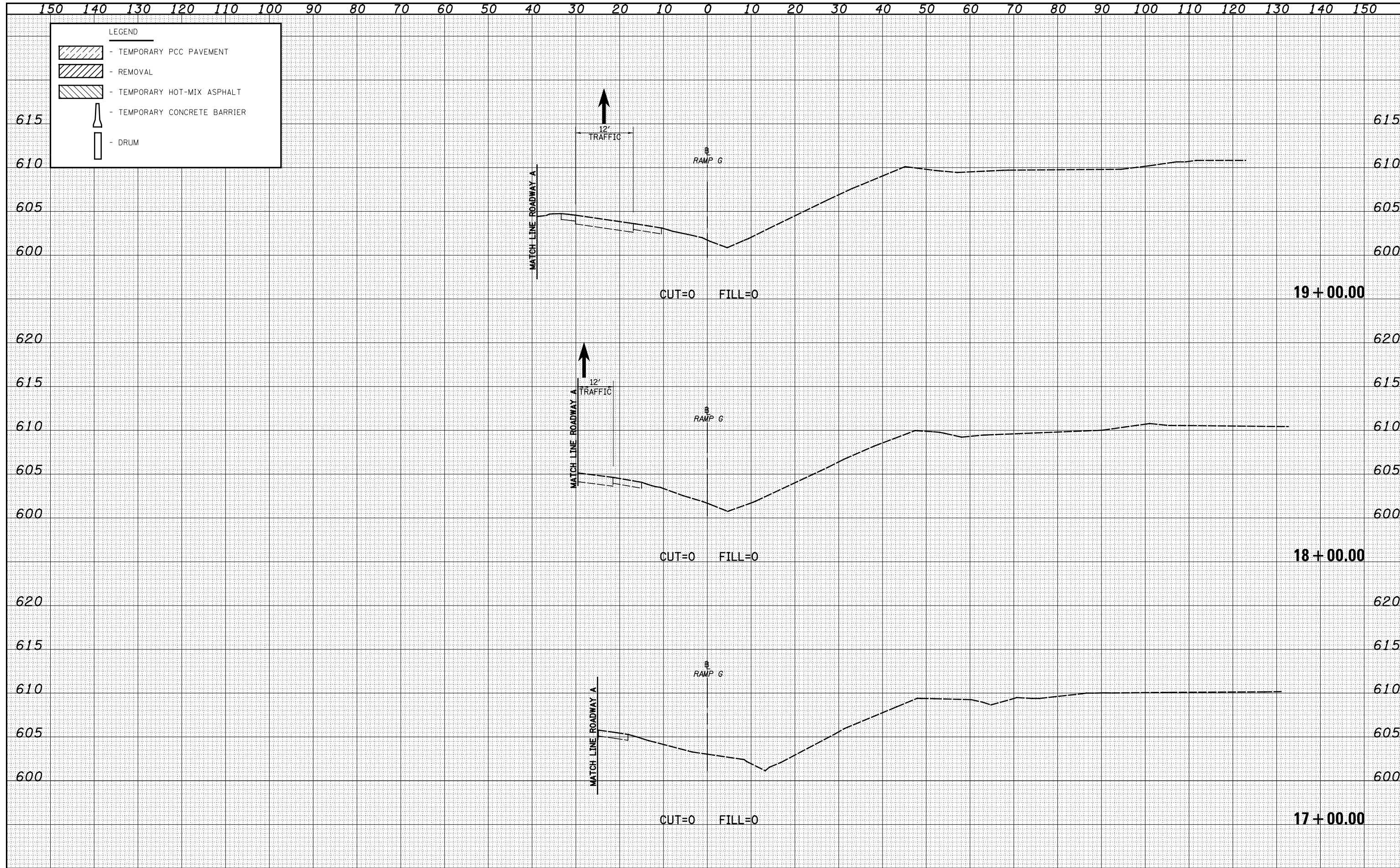
MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (PRE-STAGE 1)

SCALE: 1"=10' SHEET NO. 1 OF 5 SHEETS STA. 16+59.96 TO STA. 16+59.96

F.A.I. RTE. 57/70	SECTION (25-4)R	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1642
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

DATE	
BY	
ORIGINAL SURVEY	
NO.	
FINISHED SURVEY	
NO.	
DATE	
BY	
ORIGINAL SURVEY	
NO.	
FINISHED SURVEY	
NO.	
DATE	
BY	
ORIGINAL SURVEY	
NO.	
FINISHED SURVEY	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
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BY	
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NO.	
FINISHED SURVEY	
NO.	

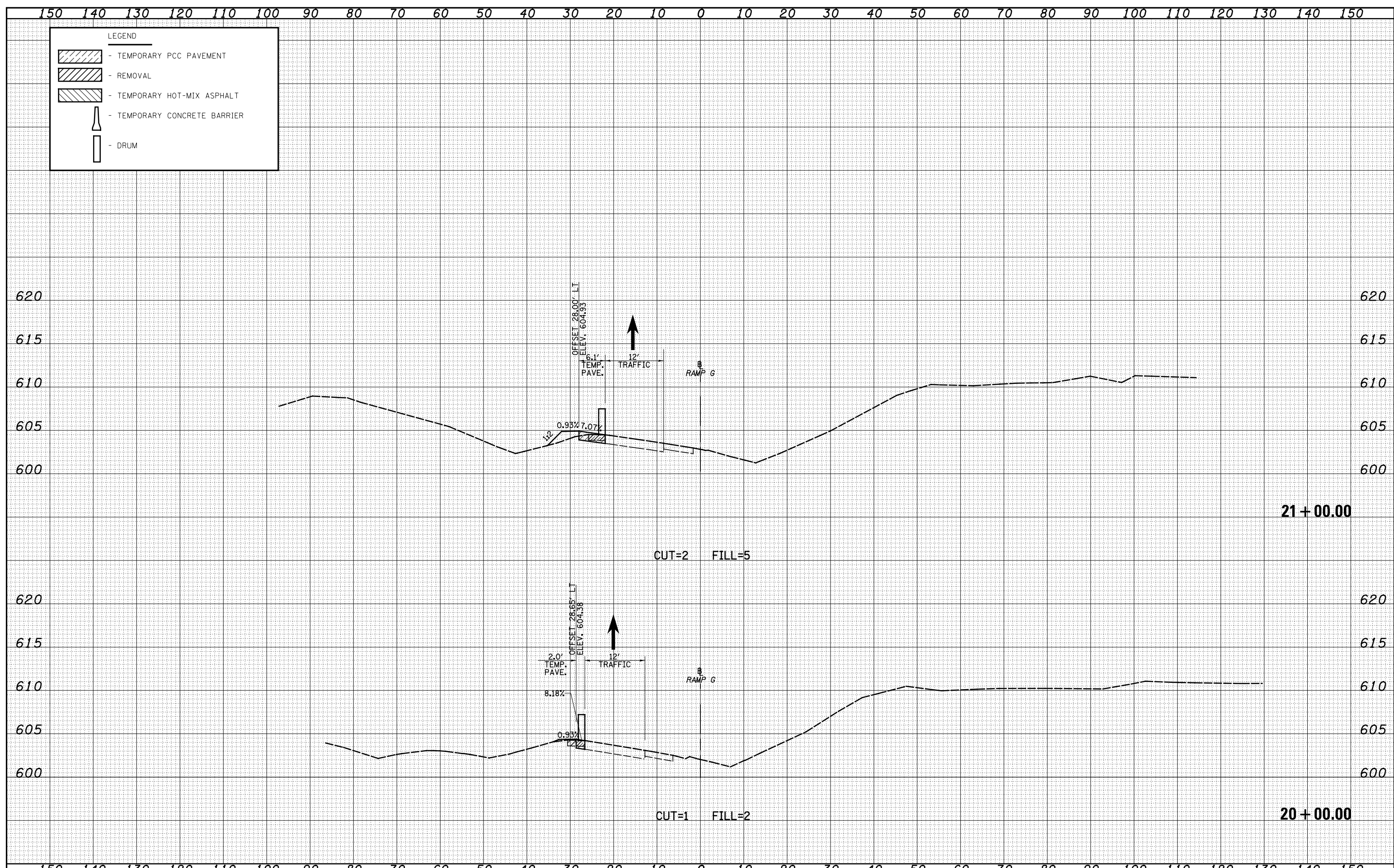


LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISD -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072-51-70\dgn\Trl\l\ksh\170\RG01.PSDgn		DRAWN - LEC	REVISD -	57/70	(25-4)R	EFFINGHAM	1760	1644
		CHECKED - BRM	REVISD -	MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (PRE-STAGE 1)				CONTRACT NO. 74295
		DATE - 12-18-08	REVISD -	SCALE: 1"=10'	SHEET NO. 3 OF 5 SHEETS	STA. 20+00.00 TO STA. 21+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

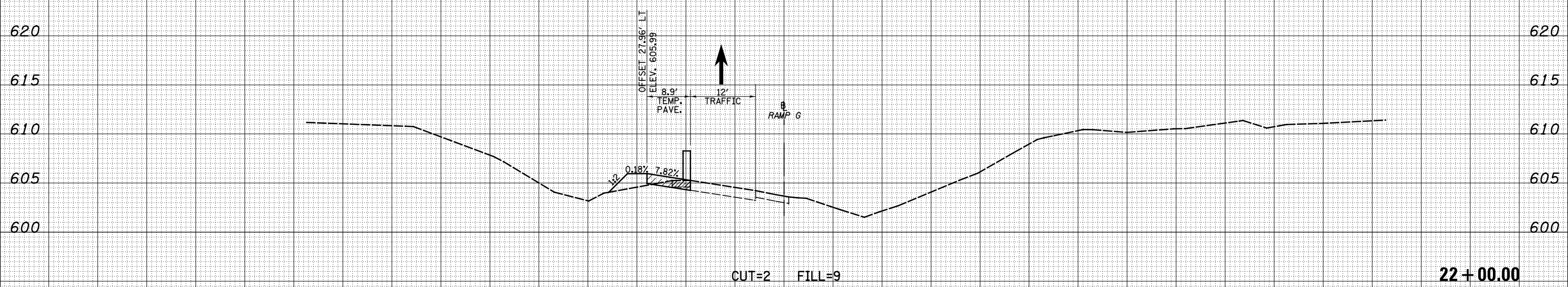
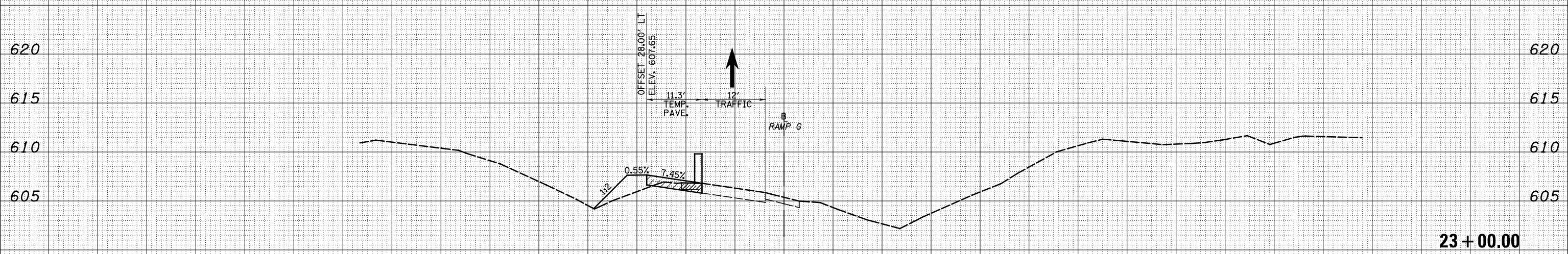
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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PLOT DATE = \$DATE\$	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

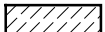

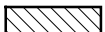


MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (PRE-STAGE 1)
SCALE: 1"=10' SHEET NO. 4 OF 5 SHEETS STA. 22+00.00 TO STA. 23+00.00

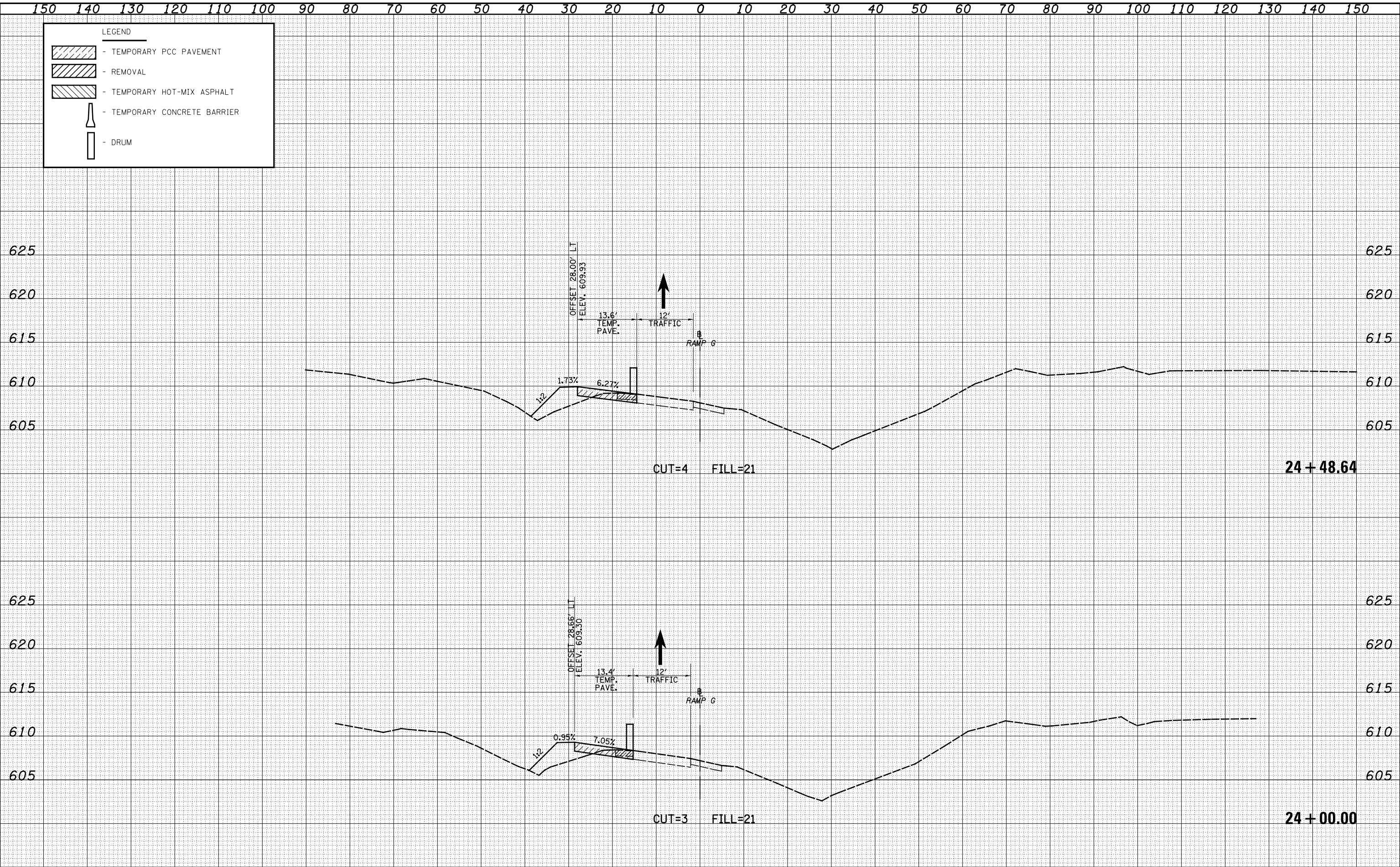
F.A.I. RTE. 57/70	SECTION (25-4)R	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1645
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM



FILE NAME = S:\Projects\403-00072-57-70\dgn\Trl\l\ksh\10\RMOT_PS.dgn

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PLOT SCALE = \$SCALE\$	CHECKED - BRM	REVISED -
PLOT DATE = \$DATE\$	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (PRE-STAGE 1)

SCALE: 1"=10' SHEET NO. 5 OF 5 SHEETS STA. 24+00.00 TO STA. 24+48.64

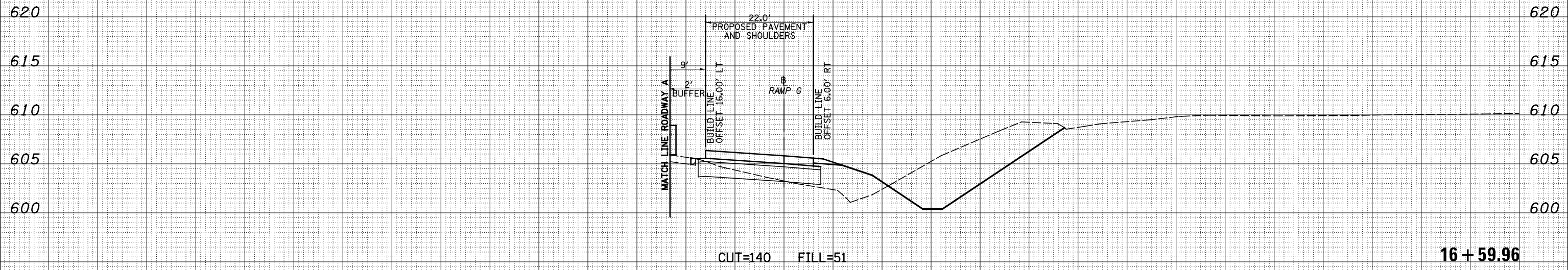
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1646
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINISH	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
NO.	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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PLOT DATE = *DATE*	DATE - 12-18-08	REVISED -

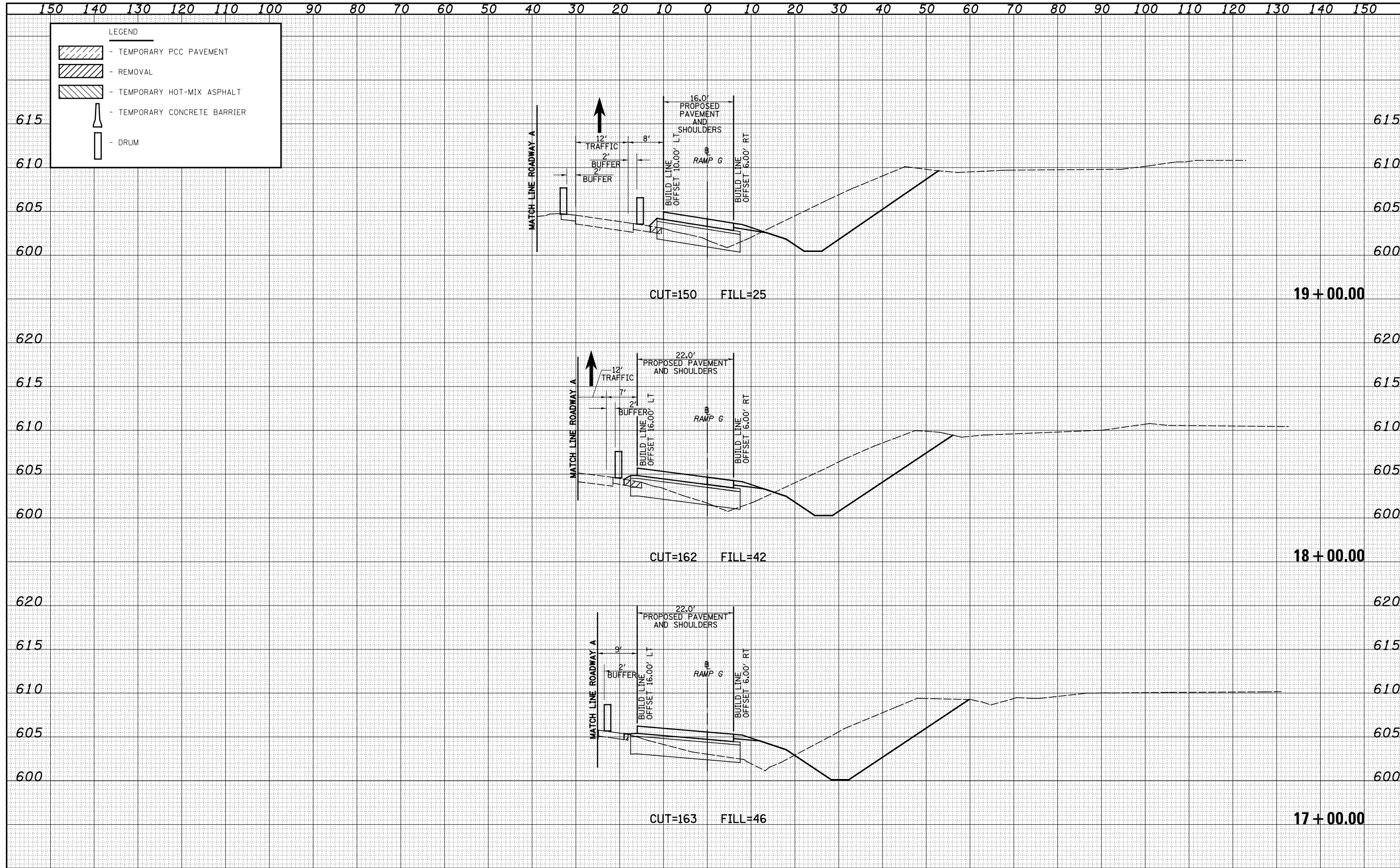
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 1)
SCALE: 1"=10' SHEET NO. 1 OF 5 SHEETS STA. 16+59.96 TO STA. 16+59.96

F.A.I. RTE. 57/70	SECTION (25-4)R	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1647
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
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TEMPLATE	
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NOTE BOOK	
NO.	

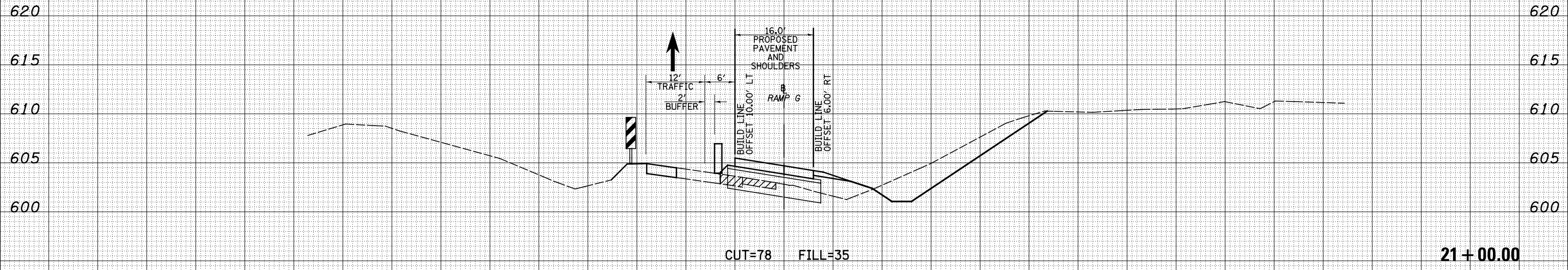


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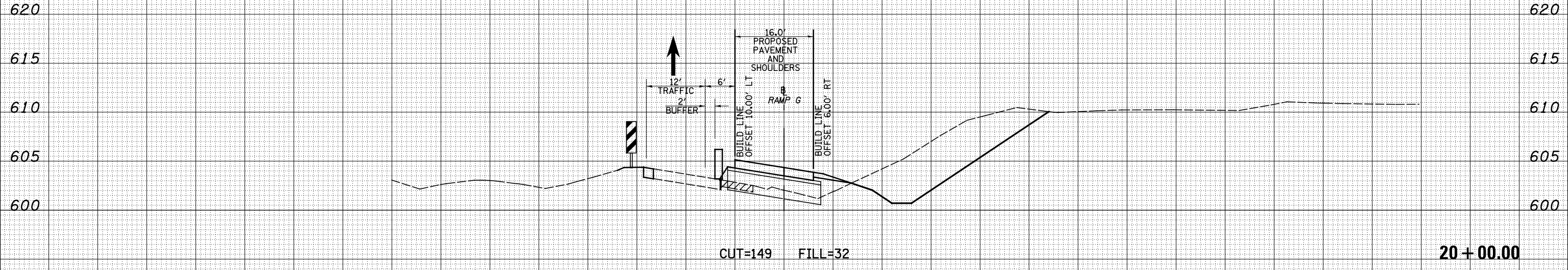
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



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	DRAWN - LEC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL – RAMP G (STAGE 1)

SCALE: 1"=10' SHEET NO. 3 OF 5 SHEETS STA. 20+00.00 TO STA. 21+00.00

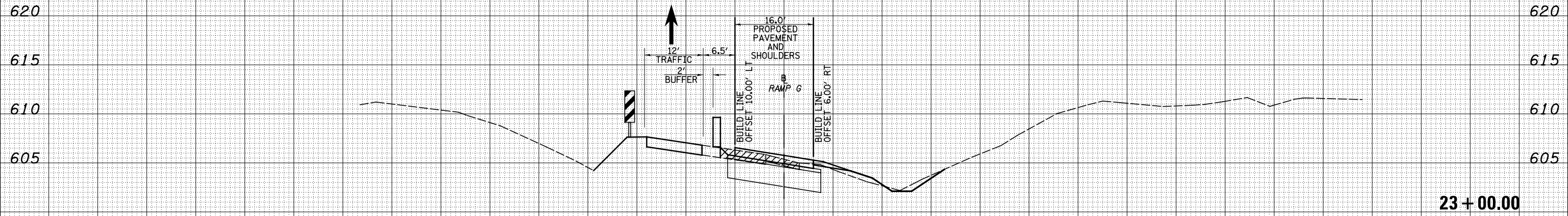
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

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LEGEND

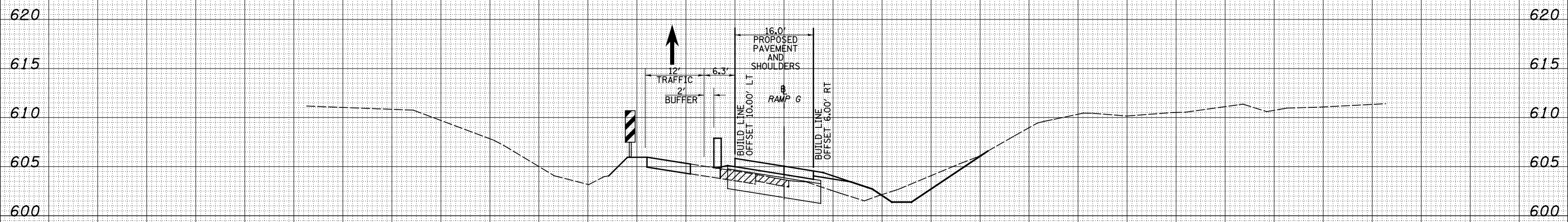
- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



CUT=15 FILL=3

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



CUT=29 FILL=25

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PLOT DATE = \$DATE	DATE - 12-18-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 1)

SCALE: 1"=10' SHEET NO. 4 OF 5 SHEETS STA. 22+00.00 TO STA. 23+00.00

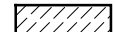

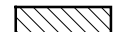


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1650
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

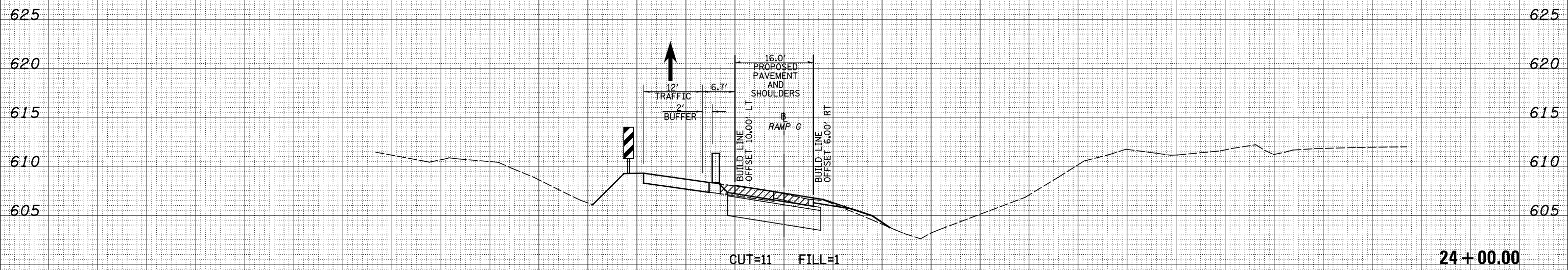
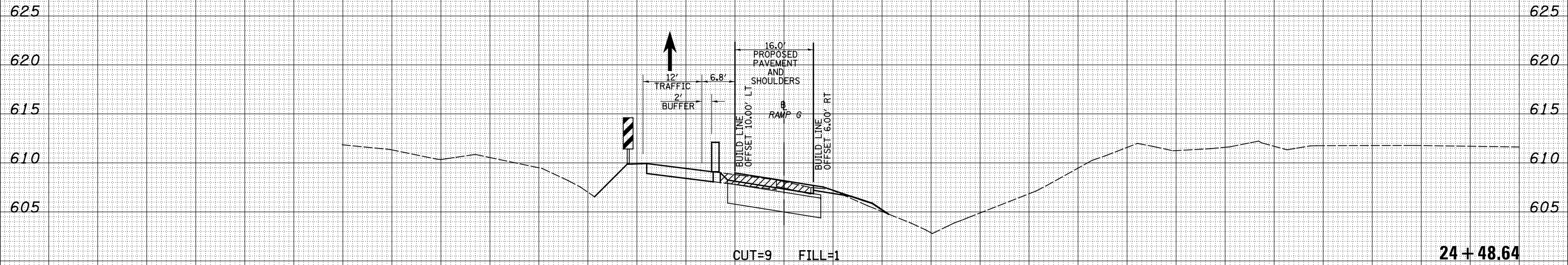
DATE	
BY	
FINISHED	
SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL	
SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = S:\Projects\403-00072.57-70\dgn\N Tr\ILV\ksh\10NRGM01.Sldgn

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 1)

SCALE: 1"=10' SHEET NO. 5 OF 5 SHEETS STA. 24+00.00 TO STA. 24+48.64

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1651
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

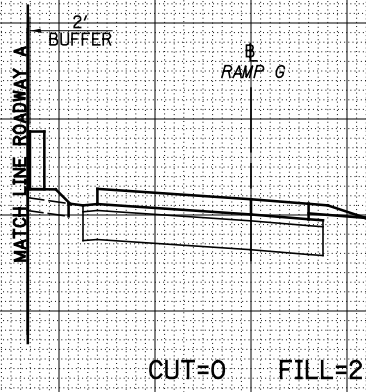
LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

620
615
610
605
600

620
615
610
605
600



16 + 59.96

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

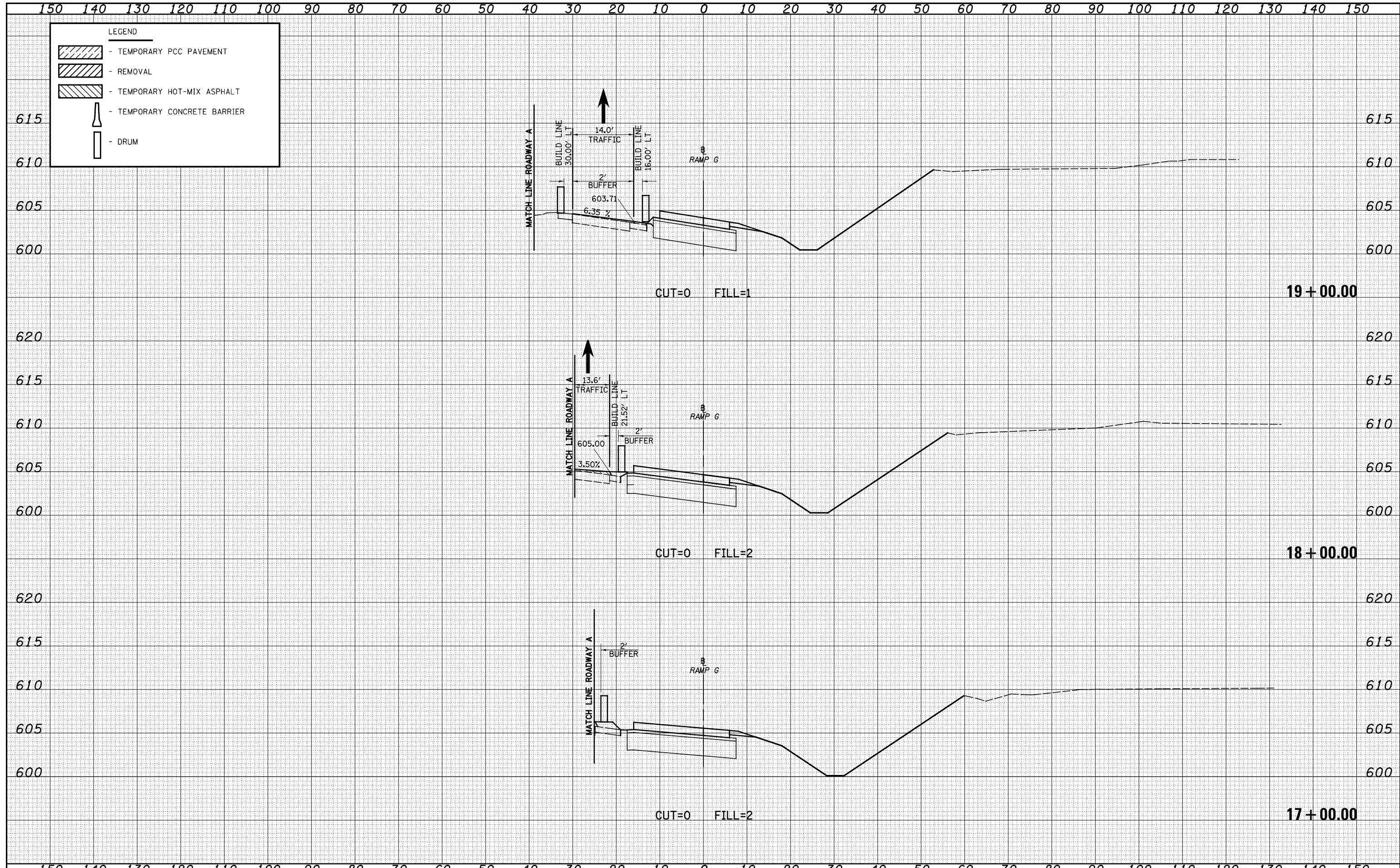
MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 1B)

SCALE: 1"=10' SHEET NO. 1 OF 3 SHEETS STA. 16+59.96 TO STA. 16+59.96

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1652
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



LEGEND	
	- TEMPORARY PCC PAVEMENT
	- REMOVAL
	- TEMPORARY HOT-MIX ASPHALT
	- TEMPORARY CONCRETE BARRIER
	- DRUM

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISÉD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 1B)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\403-00072.51-70\dgn\Trl\l\kshh\10NRGM01.SB.dgn		DRAWN - LEC	REVISÉD -			57/70	(25-4)R	EFFINGHAM	1760	1653
		CHECKED - BRM	REVISÉD -			CONTRACT NO. 74295				
		DATE - 12-18-08	REVISÉD -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT SCALE = \$SCALE\$				SCALE: 1"=10'		SHEET NO. 2 OF 3 SHEETS		STA. 17+00.00 TO STA. 19+00.00		
PLOT DATE = \$DATE\$										

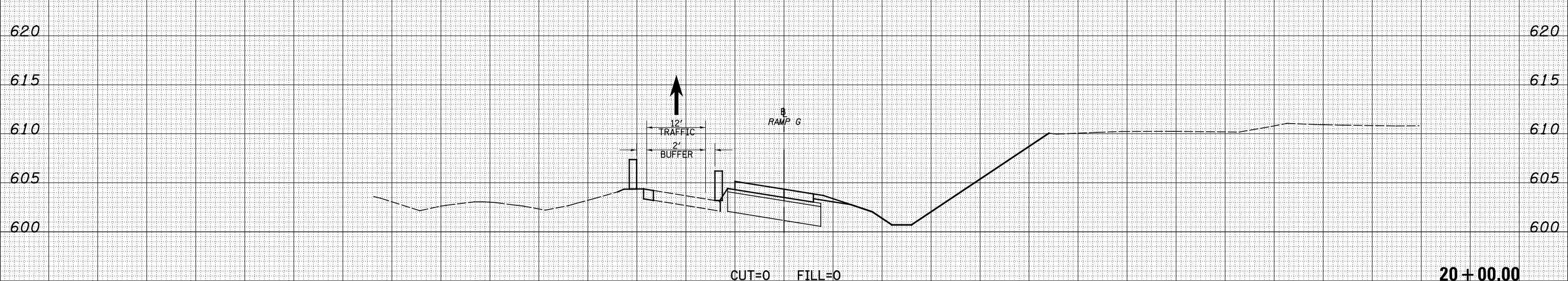
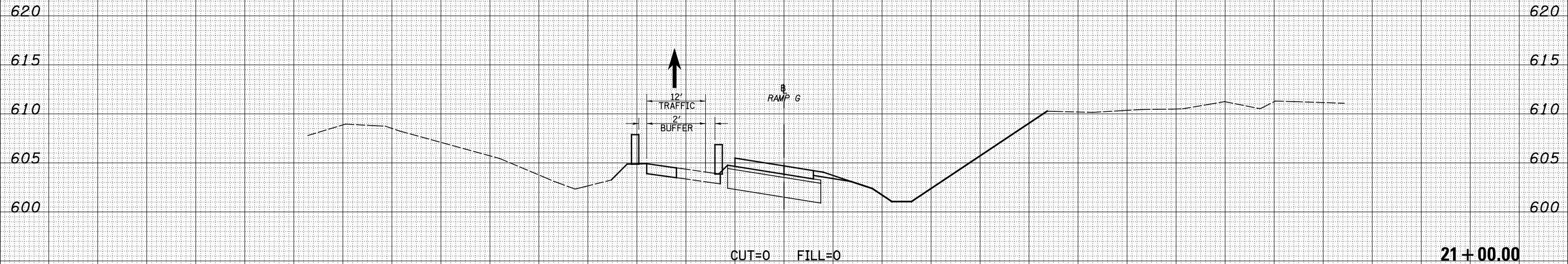
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LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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FINAL	
SURVEY	
NOTE BOOK	
NO.	

**CROSS SECTION OMISSION
STA 21+00.00 TO STA 24+48.64**



DATE	
BY	
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PLOTTED	
TEMPLATE	
AREAS	
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ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	

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DRAWN - LEC
CHECKED - BRM
DATE - 12-18-08

REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**






MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 1B)

SCALE: 1"=10' SHEET NO. 3 OF 3 SHEETS STA. 20+00.00 TO STA. 21+00.00

F.A.I. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1654
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

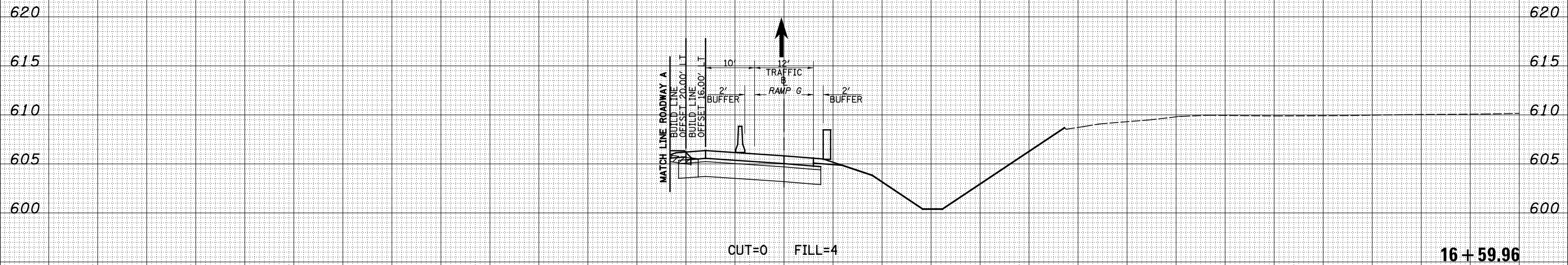
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LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

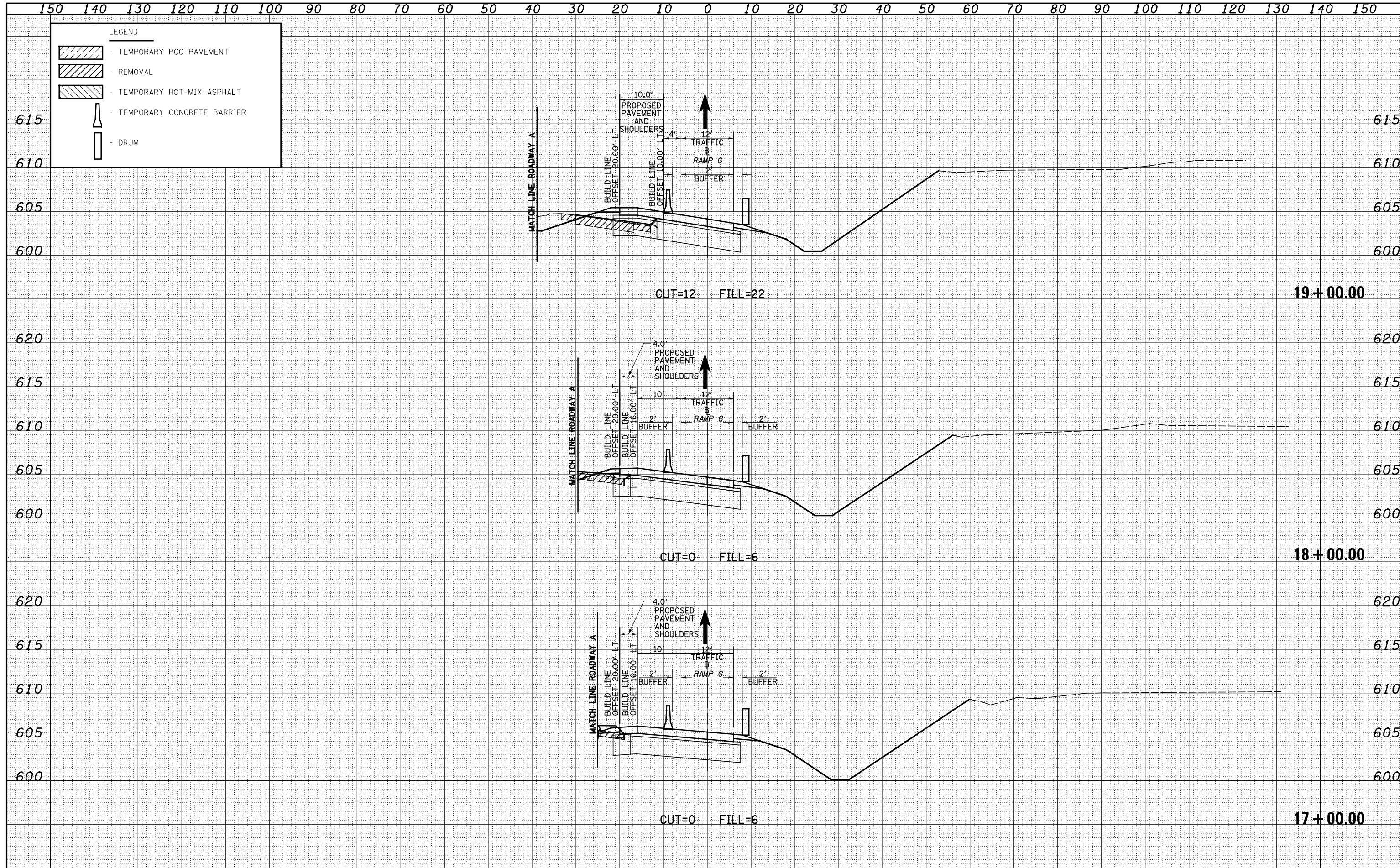
MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 2)

SCALE: 1"=10' SHEET NO. 1 OF 5 SHEETS STA. 16+59.96 TO STA. 16+59.96

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1655
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

DATE	
BY	
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PLOTTED	
TEMPLATE	
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CHECKED	
FINAL	
SURVEY	
NOTE BOOK	
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TEMPLATE	
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CHECKED	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



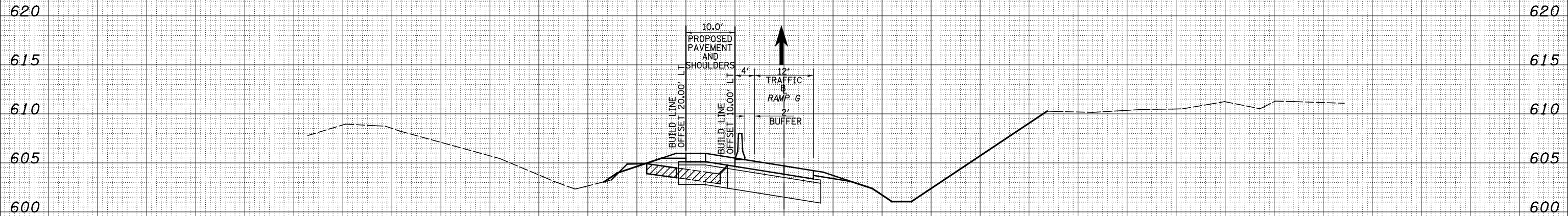
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LEGEND

-  - TEMPORARY PCC PAVEMENT
-  - REMOVAL
-  - TEMPORARY HOT-MIX ASPHALT
-  - TEMPORARY CONCRETE BARRIER
-  - DRUM

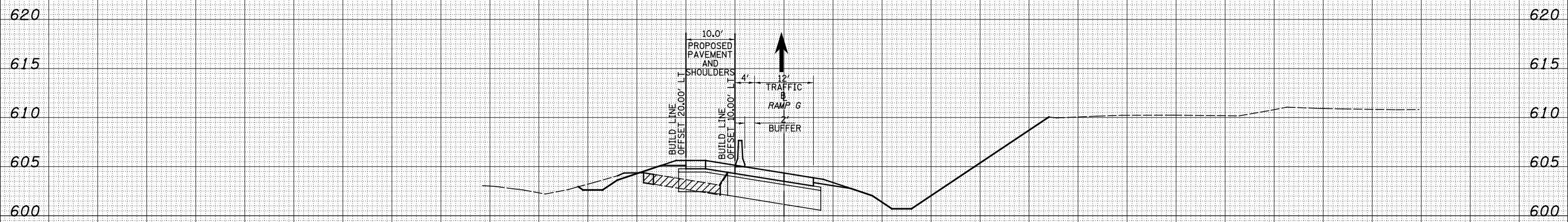
DATE	
BY	
SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



CUT=4 FILL=23

21+00.00



CUT=11 FILL=29

20+00.00

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 CHECKED - BRM
 DATE - 12-18-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 2)
 SCALE: 1"=10' SHEET NO. 3 OF 5 SHEETS STA. 20+00.00 TO STA. 21+00.00

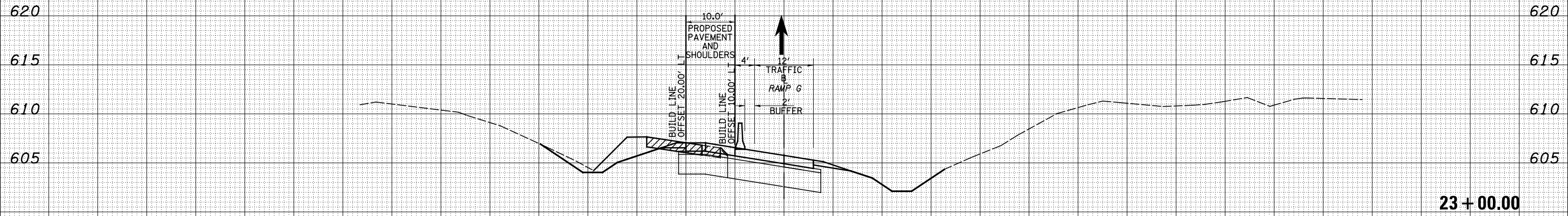
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1657
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

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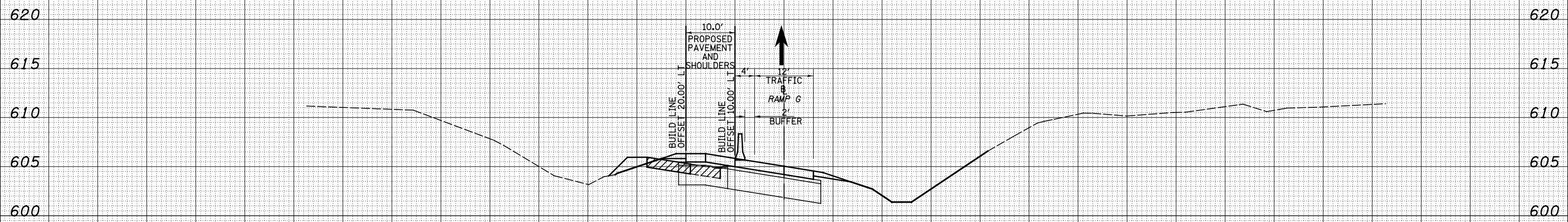
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINISH SURVEY	
NOTE BOOK	
NO.	



DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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DATE - 12-18-08

REVISED -

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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 2)

SCALE: 1"=10' SHEET NO. 4 OF 5 SHEETS STA. 22+00.00 TO STA. 23+00.00

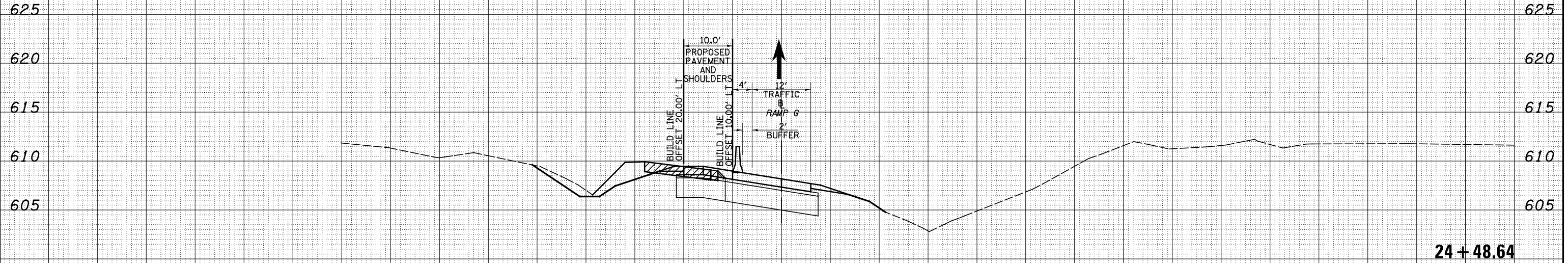
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57/70	(25-4)R	EFFINGHAM	1760	1658
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

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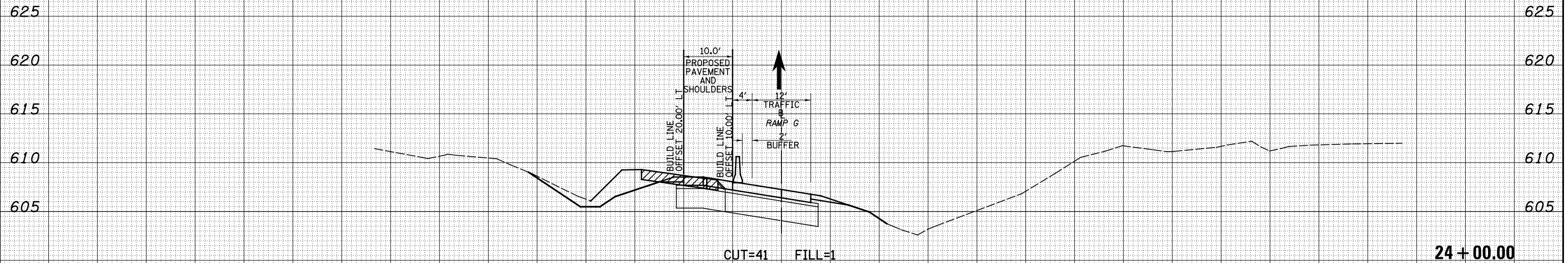
LEGEND

- TEMPORARY PCC PAVEMENT
- REMOVAL
- TEMPORARY HOT-MIX ASPHALT
- TEMPORARY CONCRETE BARRIER
- DRUM

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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USER NAME = *USERS*

DESIGNED - JWS

DRAWN - LEC

CHECKED - BRM

DATE - 12-18-08

REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NORTH TRI LEVEL - RAMP G (STAGE 2)

SCALE: 1"=10' SHEET NO. 5 OF 5 SHEETS STA. 24+00.00 TO STA. 24+48.64

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1659
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

D-97-053-01

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
HIGHWAY IMPROVEMENT**

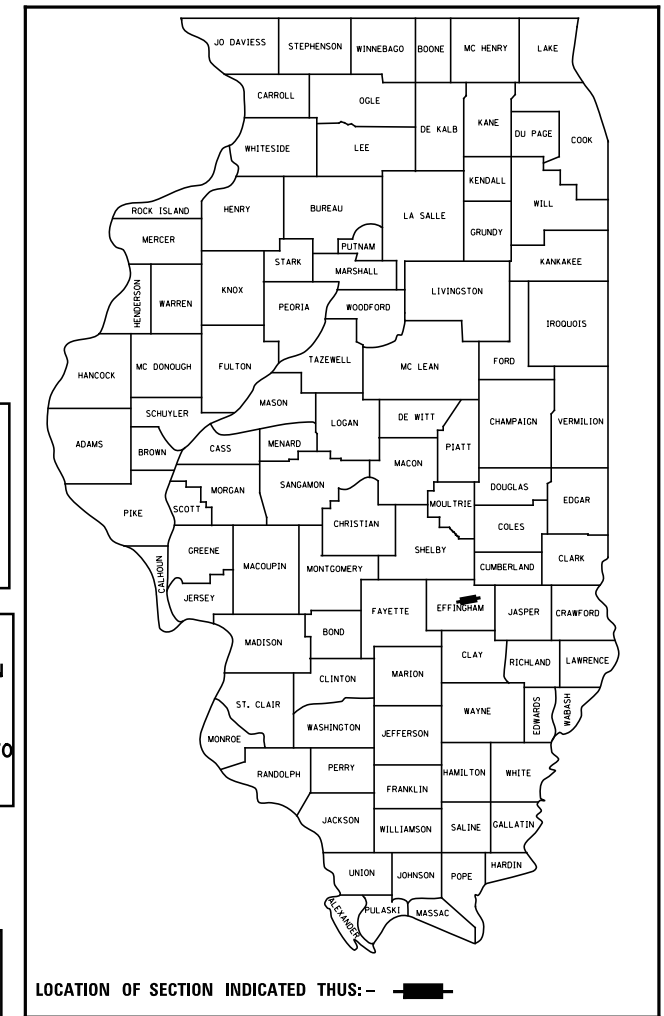
FOR INDEX OF SHEETS, SEE SHEET NO. 1661

**FAI ROUTE 57/70 (I-57/70)
SECTION (25-4)BR
PROJECT NO.
EFFINGHAM COUNTY
BRIDGE REPAIR
C-97-040-08**

SET 2 - LOCATION 4
SECTION (25-4HB)I-3 INCLUDES BEARING REPLACEMENT, EXPANSION JOINT REPLACEMENT, SEISMIC CABLE RESTRAINERS AND MISC. CONCRETE REPAIR FOR THE STRUCTURE CARRYING RAMP F (EASTBOUND FAI-70) OVER NORTHBOUND FAI-57 AND WESTBOUND FAI-70 STA 10+90.57 (RAMP F) SN 025-0019

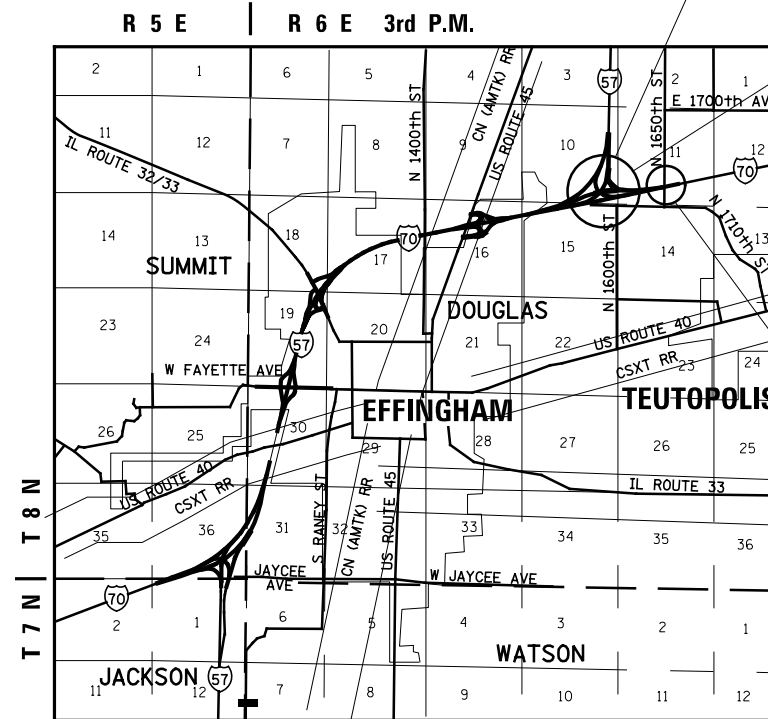
SET 2 - LOCATION 3
SECTION (25-4HB)I-4 INCLUDES CONCRETE OVERLAY, BEARING REPLACEMENT, EXPANSION JOINT REPLACEMENT, SEISMIC CABLE RESTRAINERS AND MISC. CONCRETE REPAIR FOR THE STRUCTURE CARRYING NORTHBOUND FAI-57 OVER WESTBOUND FAI-70 STA 5367+22.93 (RDWY D) SN 025-0002

SET 2 - LOCATION 5
SECTION (25-HB-2)I INCLUDES BRIDGE RAIL RETROFIT, BEARING REPLACEMENT, PAINTING STRUCTURAL STEEL AND SEISMIC CABLE RESTRAINERS FOR THE STRUCTURE CARRYING TOWNSHIP RD 258 OVER FAI 70 STA 50+00.00 (TR-258) SN 025-0062

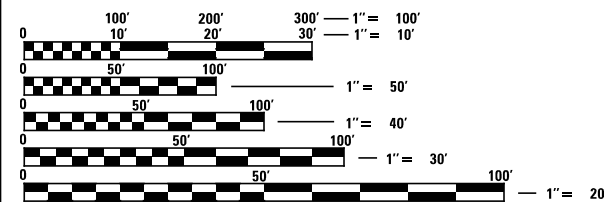


LOCATION OF SECTION INDICATED THIS: - [Black Box] -

SET 2 OF 2



LOCATION MAP
DOUGLAS TOWNSHIP
GRAPHIC SCALE IN MILES



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

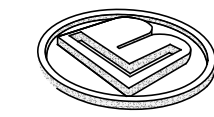
DESIGN DESIGNATION

7070 (30) PRINCIPAL ARTERIAL-INTERSTATE			
ADT 45,400 (2010)	FAI 57/70		
	45% TRUCKS		
ADT 20,300 (2010)	FAI 57 NORTH TRI-LEVEL		
	34% TRUCKS		
ADT 25,300 (2010)	FAI 70 EAST OF NORTH TRI-LEVEL		
	52% TRUCKS		

GROSS SECTION LENGTH	
SET 2 - LOCATION 3	= 209.70 FEET = .040 MILES
SET 2 - LOCATION 4	= 271.68 FEET = .051 MILES
SET 2 - LOCATION 5	= 226.16 FEET = .043 MILES
TOTAL	= 707.54 FEET = 0.134 MILES
NET SECTION LENGTH	= 707.54 FEET = 0.134 MILES

PROJECT ENGINEER: TOM RONAN (217)342-8320

CONTRACT NO. 74295



BERNARDIN * LOCHMUELLER & ASSOCIATES, INC.
3 OAK DRIVE
MARYVILLE, ILLINOIS 62062
PHONE (618) 288-4665
FAX (618) 288-4666

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

1. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
2. THE WORK IN THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; THE LATEST EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL FOR THIS PROJECT.
3. THE PROPOSED PROJECT IS LOCATED AT 3 SEPARATE LOCATIONS ON FAI ROUTES 57 AND 70 IN EFFINGHAM COUNTY, ILLINOIS.
4. THE WORK INCLUDED IN SECTION (25-4)BR CONSISTS OF BRIDGE REPAIR OPERATIONS AT THE 3 LOCATIONS AS SHOWN ON THE PLANS.
5. THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HMA PLANT QUALITY CONTROL LAB SO THAT HMA PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT ITEMS.
6. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE- ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
7. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS.

 - *AMEREN / CIPS GAS / ELECTRIC*
 - *ILLINOIS CONSOLIDATED TELEPHONE
 - *CITY OF EFFINGHAM WATER / SEWER

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY * NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
8. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF SUCH FACILITIES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.
9. ALL CONFLICTING GROUND MOUNTED SIGNS AND SIGN SUPPORTS ARE TO BE REMOVED, COVERED OR RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTIONS 724 OF THE STANDARD SPECIFICATIONS EXCEPT THAT IT WILL NOT BE MEASURED FOR PAYMENT BUT CONSIDERED AS INCLUDED IN THE VARIOUS ITEMS OF WORK. SIGNS SHALL BE STORED AS DIRECTED BY THE ENGINEER AND CAREFULLY PROTECTED BY THE CONTRACTOR.
10. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
11. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT PRIOR WRITTEN PERMISSION FROM THE DEPARTMENT.
12. IN ADDITION TO SURVEYS, SOME OF THE PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
13. MAINTENANCE OF TRAFFIC AND STAGE CONSTRUCTION OPERATIONS FOR THIS CONSTRUCTION SECTION (SET 2 OF 2) ARE SUBJECT TO THE OVERALL SEQUENCE OF CONSTRUCTION FOR THE COMBINED SETS OF PLANS. (SEE SPECIAL PROVISIONS)

COMMITMENT - NONE

INDEX OF SHEETS

1660	TITLE SHEET
1661	GENERAL NOTES, INDEX OF SHEETS AND STANDARDS
1662	SUMMARY OF QUANTITIES
1663	TYPICAL SECTIONS - EXISTING
1664	SCHEDULE OF QUANTITIES
1665-1669	HORIZONTAL CONTROLS & TIES
1670-1672	PLAN AND PROFILE
1673	GUARDRAIL DETAILS - LOCATION 5
1674-1676	MAINTENANCE OF TRAFFIC AND STAGE CONSTRUCTION
1677	ROAD CLOSURE AND DETOUR PLANS - LOCATION 4
1678-1705	BRIDGE REPAIR PLANS ROADWAY D SN 025-0002
1706-1740	BRIDGE REPAIR PLANS RAMP F SN 025-0019
1741-1760	BRIDGE REPAIR PLANS 1650th STREET SN 025-0062

IDOT HIGHWAY STANDARDS

630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631032-08	TRAFFIC BARRIER TERMINAL, TYPE 6A
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THEN 15' (4.5 m) AWAY
701006-04	OFF-ROAD OPERATIONS, 2L, 5W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-03	OFF-ROAD OPERATIONS, MULTILINE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILINE, MORE THEN 15' (4.5 m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701316-07	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR FOR SPEEDS > 45 MPH
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701901-02	TRAFFIC CONTROL DEVICES
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT

SUMMARY OF QUANTITIES

CODED NO	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE 025-0002 0014	BRIDGE 025-0019 0014	BRIDGE 025-0062 0014	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1013.6	434	579.6		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1013.6	434	579.6		
42000540	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	442	442			
42001200	PAVEMENT FABRIC	SQ YD	442	442			
42001300	PROTECTIVE COAT	SQ YD	442	442			
44004250	PAVED SHOULDER REMOVAL	SQ YD	442	442			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	137		137		
50102400	CONCRETE REMOVAL	CU YD	90.7	48.1	42.6		
50104650	SLOPE WALL REMOVAL	SQ YD	1353.6	571	768	14.6	
50157300	PROTECTIVE SHIELD	SQ YD	450	286	164		
50200100	STRUCTURE EXCAVATION	CU YD	37.7	19	9.1	9.6	
50300225	CONCRETE STRUCTURES	CU YD	113.8	48.5	39.8	25.5	
50300254	RUBBED FINISH	SQ FT	377	172	205		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	127.6	48.2	79.4		
50300260	BRIDGE DECK GROOVING	SQ YD	764	693	71		
50300300	PROTECTIVE COAT	SQ YD	325.3	133.2	192.1		
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	24490	9350	9720	5420	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	34390	12480	18210	3700	
50800515	BAR SPLICERS	EACH	125	76	35	14	
50900200	STEEL RAILING, TYPE 2399	FOOT	450		450		
51100100	SLOPE WALL 4 INCH	SQ YD	1524.4	650.6	863.8	10	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	409.5	221	188.5		
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	46	18	8	20	
52100505	ANCHOR BOLTS, 5/8"	EACH	16		16		
52100520	ANCHOR BOLTS, 1"	EACH	152	72		80	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	32		32		
58700300	CONCRETE SEALER	SQ FT	4675	2332	1304	1039	
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	200		200		
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4		4		
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4		
63200310	GUARDRAIL REMOVAL	FOOT	409		409		
67100100	MOBILIZATION	L SUM	0.1		0.1		
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1		1		
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1		1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7	1	1	5	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	228	228			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	228	228			
78200410	GUARDRAIL MARKERS, TYPE A	EACH	4		4		
78200420	GUARDRAIL MARKERS, TYPE B	EACH	6		6		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4		
X0321778	SEISMIC RESTRAINER	EACH	38	12	16	10	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.03	0.01	0.01	0.01	

CODED NO	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				BRIDGE 025-0002 0014	BRIDGE 025-0019 0014	BRIDGE 025-0062 0014	
XX006119	TRAFFIC CONTROL AND PROTECTION (DETOUR)	L SUM	0.5		0.5		
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	46	18	8	20	
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1			1	
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1			1	
Z0012111	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY, 2 1/2"	SQ YD	658	658			
Z0012144	BRIDGE DECK SCARIFICATION 2 1/2"	SQ YD	658	658			
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	383	178	205		
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	13.9	10	3.9		
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE ID)	SQ YD	27	27			
Z0018800	DRAINAGE SYSTEM	L SUM	0.25		0.25		

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 PLOT SCALE: #SCALE#
 PLOT DATE: #DATE#

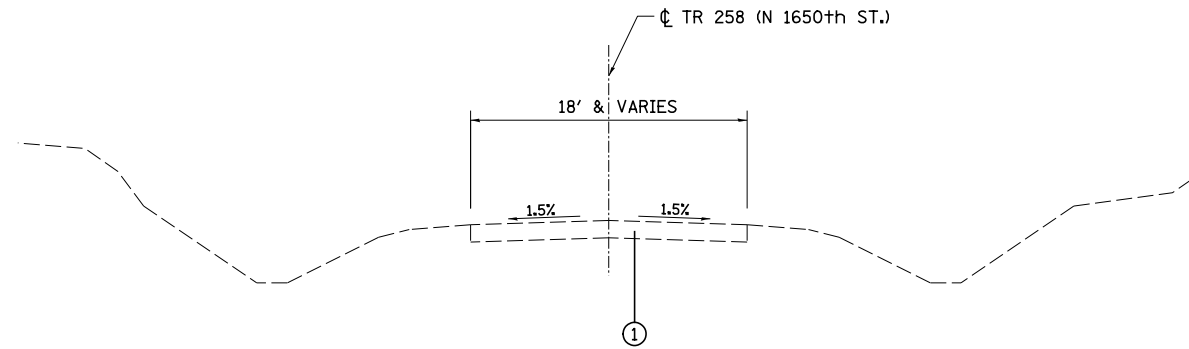
DESIGNED - ESW
 DRAWN - POB
 CHECKED - BRW
 DATE - 07-21-08

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 57/70	SECTION (25-4)BR	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1662
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	



EXISTING TYPICAL SECTION
 LOCATION 5
 1650th ST. (TR 258)

LEGEND

① EXISTING AGGREGATE WITH OIL AND CHIP SURFACE

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS - 1650TH ST. (TR 258)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PDB	REVISED -					57/70	(25-4)BR	EFFINGHAM	1760	1663
		CHECKED - BRM	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 74295			
		DATE - 7-21-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

PAVING SCHEDULE

LOCATION	SIDE	PORTLAND CEMENT CONCRETE PAVEMENT 12" (SQ YD)	PAVEMENT FABRIC (SQ YD)	PROTECTIVE COAT (SQ YD)	AGGREGATE WEDGE SHOULDER, TYPE B (TON)
STATION TO STATION					
LOCATION 3: SN 025-0002					
5368+09.70 TO 5371+33.90	LT	153	153	153	
5368+42.24 TO 5368+64.80	RT	11	11	11	
5368+64.80 TO 5371+14.90	RT	278	278	278	
LOCATION 3 SUBTOTAL		442	442	442	0
LOCATION 5: SN 025-0062					
47+00.00 TO 48+84.06	LT				19
47+00.00 TO 48+89.34	RT				20
50+19.53 TO 53+00.00	LT				50
51+14.54 TO 53+00.00	RT				48
LOCATION 5 SUBTOTAL		0	0	0	137
TOTAL		442	442	442	137

REMOVAL SCHEDULE

LOCATION	PAVED SHOULDER REMOVAL (SQ YD)
STATION TO STATION	SIDE
LOCATION 3: SN 025-0002	
5368+07.50 TO 5371+33.90	LT
5368+42.24 TO 5368+64.80	RT
5368+64.8 TO 5371+14.90	RT
LOCATION 3 SUBTOTAL	442
TOTAL	442

TRAFFIC CONTROL SCHEDULE

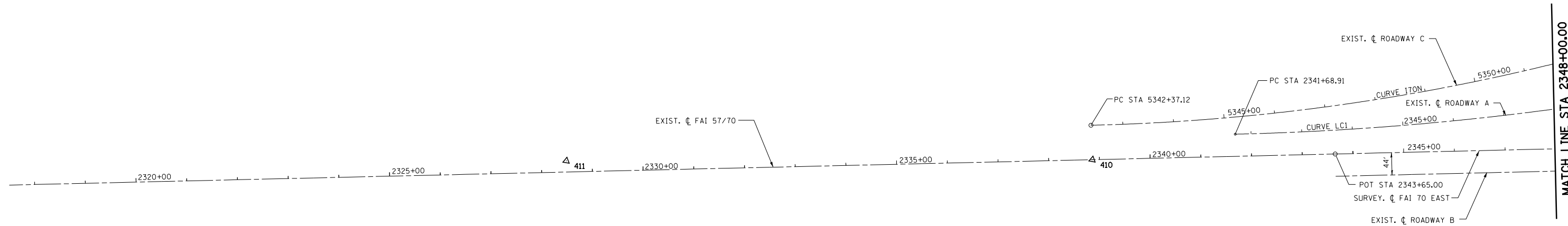
LOCATION	TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)
STATION TO STATION		
LOCATION 3: SN 025-0001		
5366+20 to 5368+48	228	228
LOCATION 3 SUBTOTAL	228	228
TOTAL	228	228

GUARDRAIL SCHEDULE

LOCATION	STATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6A (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT (EACH)	GUARDRAIL REMOVAL (FOOT)	GUARDRAIL MARKERS, TYPE A (EACH)	GUARDRAIL MARKERS, TYPE B (EACH)	TERMINAL MARKER-DIRECT APPLIED (EACH)
LOCATION 5: SN 025-0062									
	47+20.84 TO 48+89.59	RT	75	1	1	104	2		1
	47+66.22 TO 48+84.97	LT	25	1	1	103			1
	48+84.97 TO 51+09.32	LT						3	
	48+89.59 TO 51+13.85	RT						3	
	51+09.32 TO 52+78.07	LT	75	1	1	98	2		1
	51+13.85 TO 52+32.60	RT	25	1	1	104			1
	LOCATION 5 SUBTOTAL		200	4	4	409	4	6	4
	TOTAL		200	4	4	409	4	6	4

EXIST. ROADWAY C
 EXIST. CURVE I70N
 PI STA. = 5375+89.51
 $\Delta = 76^\circ 35' 42''$ (LT)
 D = 1° 20' 59"
 R = 4,245.24'
 T = 3,352.39'
 L = 5,675.19'
 E = 1,164.07'
 e = 4.30%
 T.R. = 45.00'
 S.E. RUN = 129.00'
 P.C. STA. = 5342+37.12
 P.T. STA. = 5399+12.31

EXIST. ROADWAY A
 EXIST. CURVE LC1
 PI STA. = 2348+47.05
 $\Delta = 13^\circ 30' 00''$ (LT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 678.14'
 L = 1,350.00'
 E = 39.99'
 P.C. STA. = 2341+68.91
 P.T. STA. = 2355+18.91



CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
411	903249.41	930740.84
410	903431.80	931761.76

BENCHMARK # 503:

CHISELED SQUARE ON SIGN BASE ON
 S. SIDE OF I-57/70
 STA. 2333+48.00 87.4' RT
 ELEV 598.14

BENCHMARK # 502:

CHISELED SQUARE ON DRAIN S.
 SIDE OF I-57 ON RAMP (N. TRI-LEVEL)
 STA. 2347+50.00 55.6' LT
 ELEV 594.54

BENCHMARK # 501:

CHISELED SQUARE ON LIGHT POLE
 BASE N. SIDE I-57/70
 STA. 2345+08.00 44.0' LT
 ELEV 590.10

EXISTING FAI-57/70

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2343+65.00	903526.02	932231.43

SURVEY FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2343+65.00	903526.02	932231.43
POT STA 2372+66.30	904096.74	935076.05
POT STA 2397+00.73	904575.79	937462.87

**EXISTING NORTH TRI
LEVEL ROADWAY C**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5342+37.12	903498.25	931747.32
PI STA 5375+89.51	904157.70	935034.21
PT STA 5399+12.31	907507.92	935154.73

**EXISTING NORTH TRI
LEVEL ROADWAY A**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 2341+68.91	903530.29	932030.56
PI STA 2348+47.05	903663.74	932695.44
PT STA 2355+18.91	903948.72	933310.79



FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -
S:\Project\03\000725170.dgn\B-Road\Nor\Nct.rvt.dgn		DRAWN - MAB	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
	PLOT DATE = *DATE*	DATE - 8-01-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL CONTROL, FAI ROUTES 57/70, NORTH TRI LEVEL

SCALE: 1"=100' SHEET NO. 1 OF 5 SHEETS STA. 2317+50.00 TO STA. 2348+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)BR	EFFINGHAM	1760	1665
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	



EXIST. ROADWAY C
 EXIST. CURVE I70N
 PI STA. = 5375+89.51
 $\Delta = 76^\circ 35' 42''$ (LT)
 D = 1° 20' 59"
 R = 4,245.24'
 T = 3,352.39'
 L = 5,675.19'
 E = 1,164.07'
 $e = 4.30\%$
 T.R. = 45.00'
 S.E. RUN = 129.00'
 P.C. STA. = 5342+37.12
 P.T. STA. = 5399+12.31

EXIST. ROADWAY D
 EXIST. CURVE NTRI_RD
 PI STA. = 5369+55.95
 $\Delta = 76^\circ 36' 19''$ (LT)
 D = 2° 59' 01"
 R = 1,920.30'
 T = 1,516.71'
 L = 2,567.47'
 E = 526.73'
 $e = 5.88\%$
 T.R. = 41.94'
 S.E. RUN = 164.40'
 P.C. STA. = 5354+39.24
 P.T. STA. = 5380+06.71

EXIST. RAMP F
 EXIST. CURVE MOD_NTRI_RF1
 PI STA. = 4+77.23
 $\Delta = 37^\circ 42' 09''$ (RT)
 D = 4° 05' 57"
 R = 1,397.76'
 T = 477.23'
 L = 919.77'
 E = 79.22'
 P.C. STA. = 0+00.00
 P.C.C. STA. = 9+19.77

EXIST. RAMP F
 EXIST. CURVE MOD_NTRI_RF2
 PI STA. = 15+63.72
 $\Delta = 85^\circ 16' 42''$ (RT)
 D = 8° 11' 35"
 R = 699.33'
 T = 643.95'
 L = 1,040.88'
 E = 251.32'
 $e = 8.00\%$
 T.R. = NA
 S.E. RUN = NA
 P.C.C. STA. = 9+19.77
 P.T. STA. = 19+60.65

EXIST. RAMP G
 EXIST. CURVE NTRI_RG
 PI STA. = 7+19.90
 $\Delta = 82^\circ 21' 33''$ (RT)
 D = 6° 57' 45"
 R = 822.93'
 T = 719.90'
 L = 1,182.91'
 E = 270.45'
 $e = 8.00\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 0+00.00
 P.T. STA. = 11+82.91

EXIST. ROADWAY A
 EXIST. CURVE LC1
 PI STA. = 2348+47.05
 $\Delta = 13^\circ 30' 00''$ (LT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 678.14'
 L = 1,350.00'
 E = 39.99'
 P.C. STA. = 2341+68.91
 P.T. STA. = 2355+18.91

EXIST. ROADWAY A
 EXIST. CURVE LC2
 PI STA. = 2370+35.89
 $\Delta = 27^\circ 00' 00''$ (RT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 1,375.55'
 L = 2,700.00'
 E = 162.81'
 P.C. STA. = 2356+60.34
 P.T. STA. = 2383+60.34

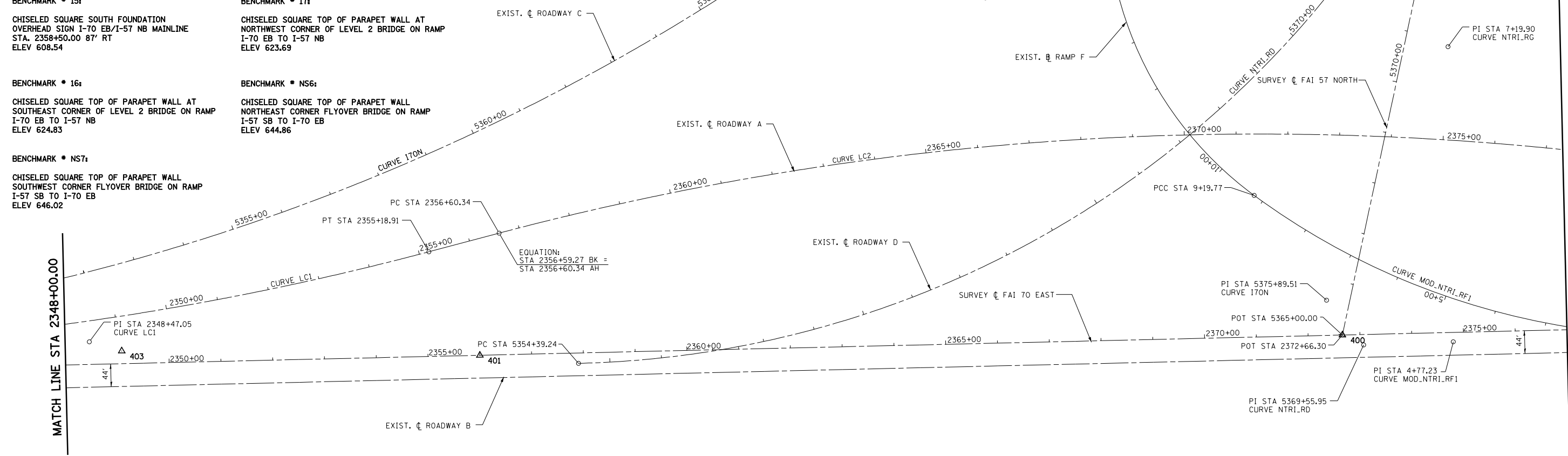
BENCHMARK * 15:
 CHISELED SQUARE SOUTH FOUNDATION
 OVERHEAD SIGN I-70 EB/I-57 NB MAINLINE
 STA. 2358+50.00 87' RT
 ELEV 608.54

BENCHMARK * 16:
 CHISELED SQUARE TOP OF PARAPET WALL AT
 SOUTHEAST CORNER OF LEVEL 2 BRIDGE ON RAMP
 I-70 EB TO I-57 NB
 ELEV 624.83

BENCHMARK * 17:
 CHISELED SQUARE TOP OF PARAPET WALL AT
 NORTHWEST CORNER OF LEVEL 2 BRIDGE ON RAMP
 I-70 EB TO I-57 NB
 ELEV 623.69

BENCHMARK * NS6:
 CHISELED SQUARE TOP OF PARAPET WALL
 NORTHEAST CORNER FLYOVER BRIDGE ON RAMP
 I-57 SB TO I-70 EB
 ELEV 644.86

BENCHMARK * NS7:
 CHISELED SQUARE TOP OF PARAPET WALL
 SOUTHWEST CORNER FLYOVER BRIDGE ON RAMP
 I-57 SB TO I-70 EB
 ELEV 646.02



CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
400	904096.74	935076.05
401	903769.03	933442.53
403	903656.89	932759.96

EXISTING NORTH TRI LEVEL ROADWAY A

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 2341+68.91	903530.29	932030.56
PI STA 2348+47.05	903663.74	932695.44
PT STA 2355+18.91	903948.72	933310.79
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93

EXISTING NORTH TRI LEVEL RAMP F

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904215.28	935757.05
PI STA 4+77.23	904121.10	935289.21
PCC STA 9+19.77	904332.70	934861.45
PCC STA 9+19.77	904332.70	934861.45
PI STA 15+63.72	904618.22	934284.26
PT STA 19+60.65	905216.95	934521.30

EXISTING NORTH TRI LEVEL ROADWAY C

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5342+37.12	903498.25	931747.32
PI STA 5375+89.51	904157.70	935034.21
PT STA 5399+12.31	907507.92	935154.73

SURVEY C FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2372+66.30	904096.74	935076.05

EXISTING NORTH TRI LEVEL SURVEY C FAI 57 NORTH

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 5365+00.00	904096.74	935076.05

EXISTING NORTH TRI LEVEL ROADWAY D

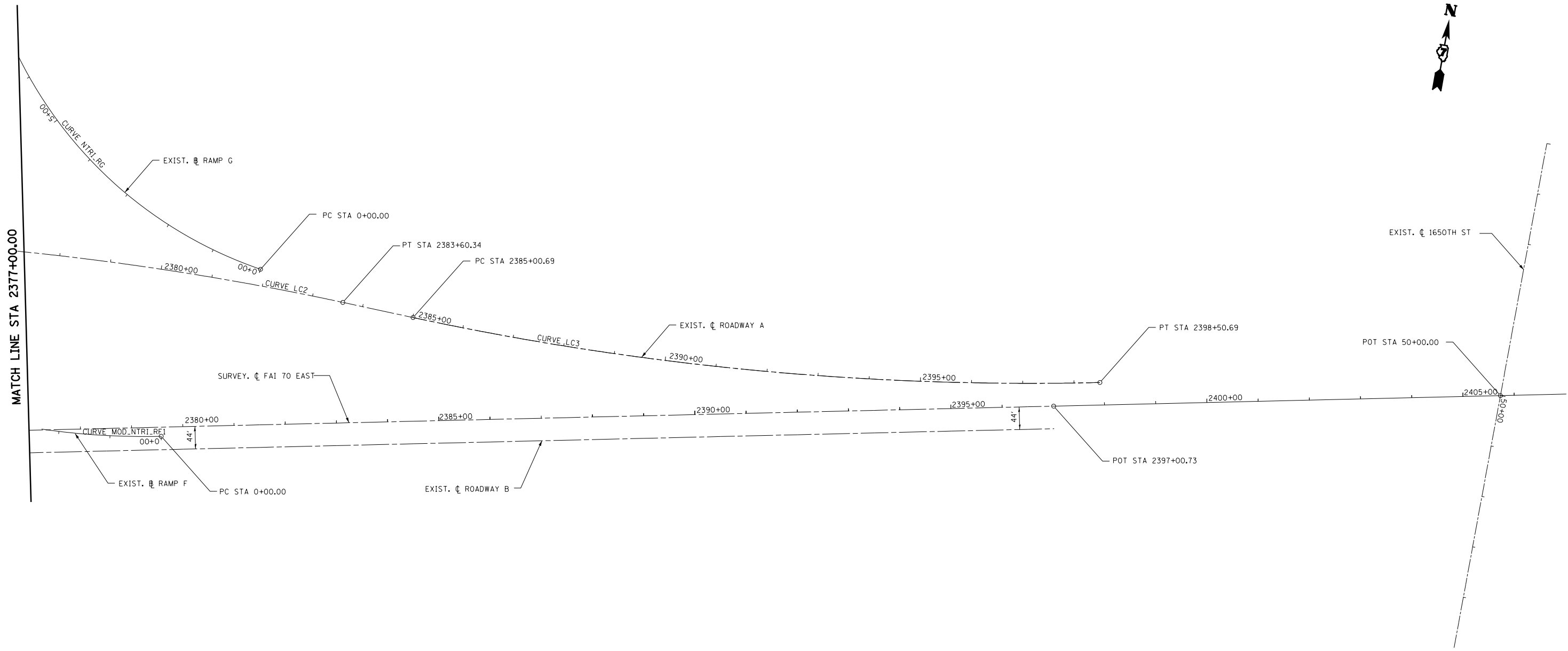
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5354+39.24	903786.77	933632.72
PI STA 5369+55.95	904085.12	935119.80
PT STA 5380+06.71	905600.85	935174.05

EXISTING NORTH TRI LEVEL RAMP G

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904569.89	935891.51
PI STA 7+19.90	904680.46	935180.15
PT STA 11+82.91	905400.21	935195.16



EXIST. RAMP F EXIST. CURVE MOD_NTRI_RF1 PI STA. = 4+77.23 Δ = 37° 42' 09" (RT) D = 4° 05' 57" R = 1,397.76' T = 477.23' L = 919.77' E = 79.22' P.C. STA. = 0+00.00 P.C.C. STA. = 9+19.77	EXIST. RAMP G EXIST. CURVE NTRI_RG PI STA. = 7+19.90 Δ = 82° 21' 33" (RT) D = 6° 57' 45" R = 822.93' T = 719.90' L = 1,182.91' E = 270.45' P.C. STA. = 0+00.00 P.T. STA. = 11+82.91	EXIST. ROADWAY A EXIST. CURVE LC3 PI STA. = 2391+78.84 Δ = 13° 30' 00" (LT) D = 1° 00' 00" R = 5,729.58' T = 678.14' L = 1,350.00' E = 39.99' P.C. STA. = 2385+00.69 P.T. STA. = 2398+50.69	EXIST. ROADWAY A EXIST. CURVE LC2 PI STA. = 2370+35.89 Δ = 27° 00' 00" (RT) D = 1° 00' 00" R = 5,729.58' T = 1,375.55' L = 2,700.00' E = 162.81' P.C. STA. = 2356+60.34 P.T. STA. = 2383+60.34
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EXISTING NORTH TRI LEVEL ROADWAY A

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PI STA 2391+78.84	904503.44	936878.85
PT STA 2398+50.69	904636.90	937543.73

SURVEY CL FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2397+00.73	904575.79	937462.87
POT STA 2416+99.66	904969.17	939422.71
POT STA 2437+00.92	905362.54	941384.93

EXISTING NORTH TRI LEVEL RAMP F

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904215.28	935757.05
PI STA 4+77.23	904121.10	935289.21
PCC STA 9+19.77	904332.70	934861.45
PCC STA 9+19.77	904332.70	934861.45
PI STA 15+63.72	904618.22	934284.26
PT STA 19+60.65	905216.95	934521.30

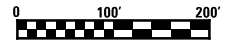
EXISTING NORTH TRI LEVEL RAMP G

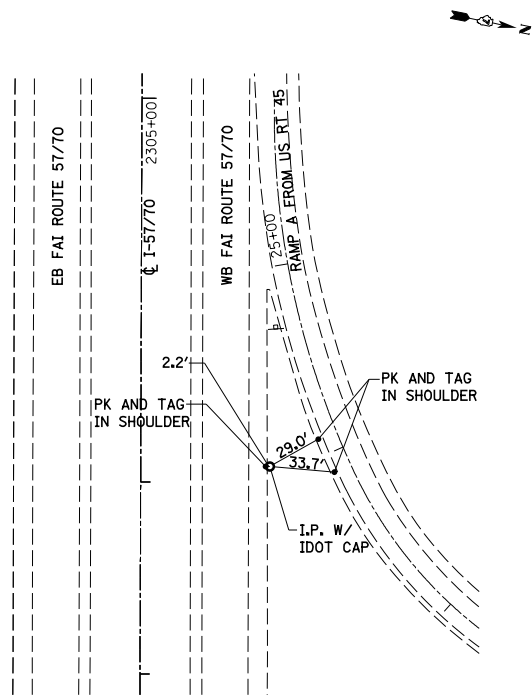
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904569.89	935891.51
PI STA 7+19.90	904680.46	935180.15
PT STA 11+82.91	905400.21	935195.16

EXISTING 1650TH STREET

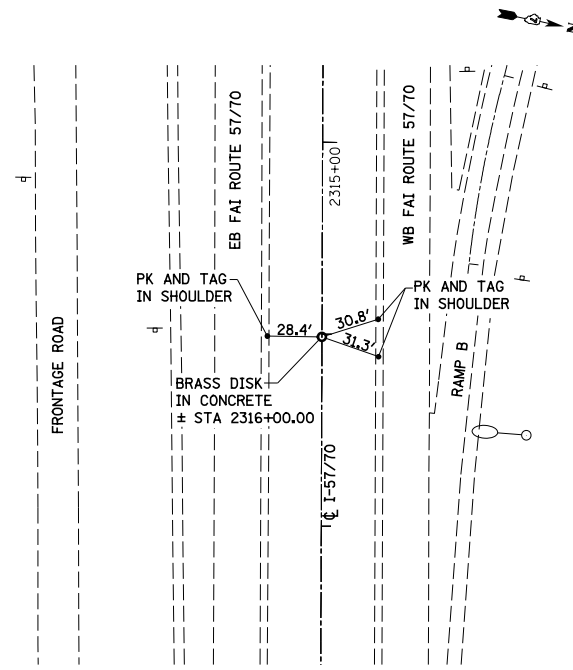
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 45+00.00	905247.48	938222.09
POT STA 50+00.00	904747.50	938318.33
POT STA 55+00.00	904247.51	938314.57

BENCHMARK * 4:
CHISELED SQUARE SOUTH CONCRETE FOUNDATION
TO OVERHEAD SIGN TRUSS I-70 WB
APPROXIMATE STA. 2383+00.00 RT
ELEV 605.28

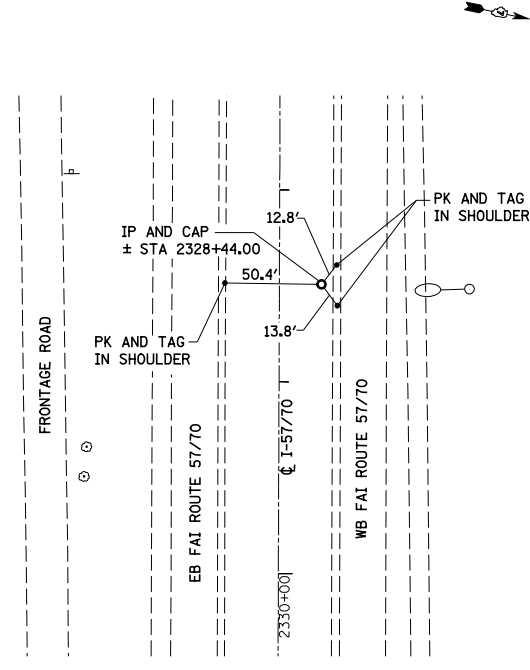




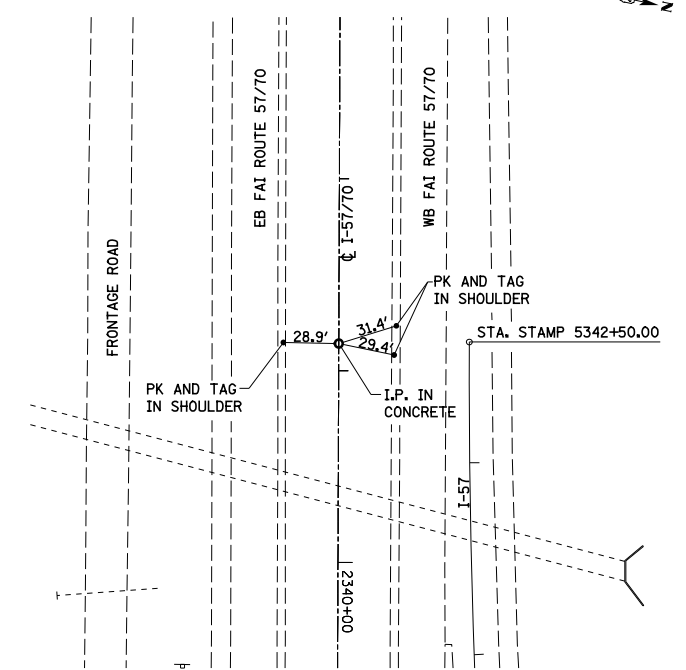
TRAVERSE/P.O.T. NUMBER 413



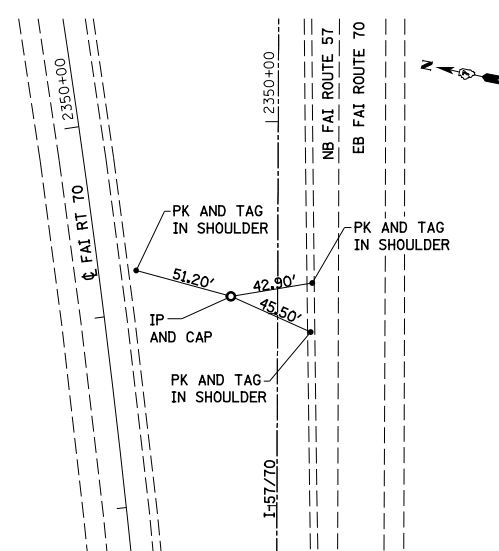
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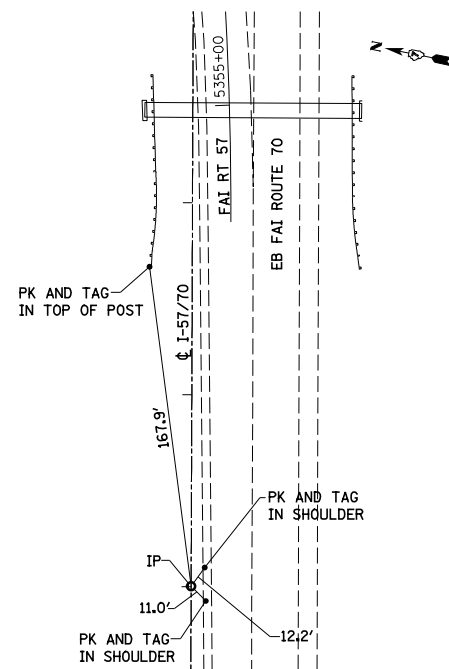
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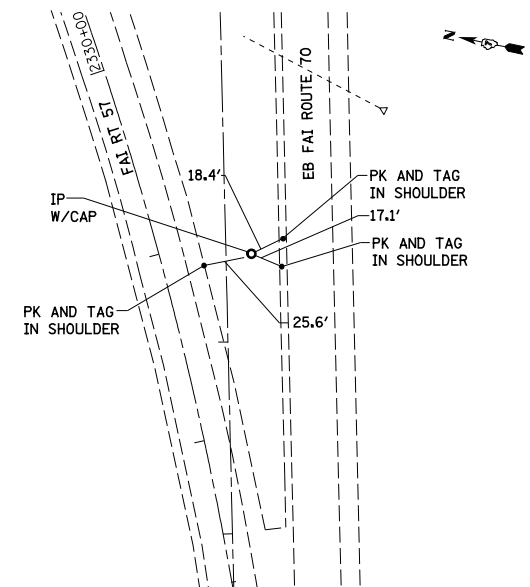
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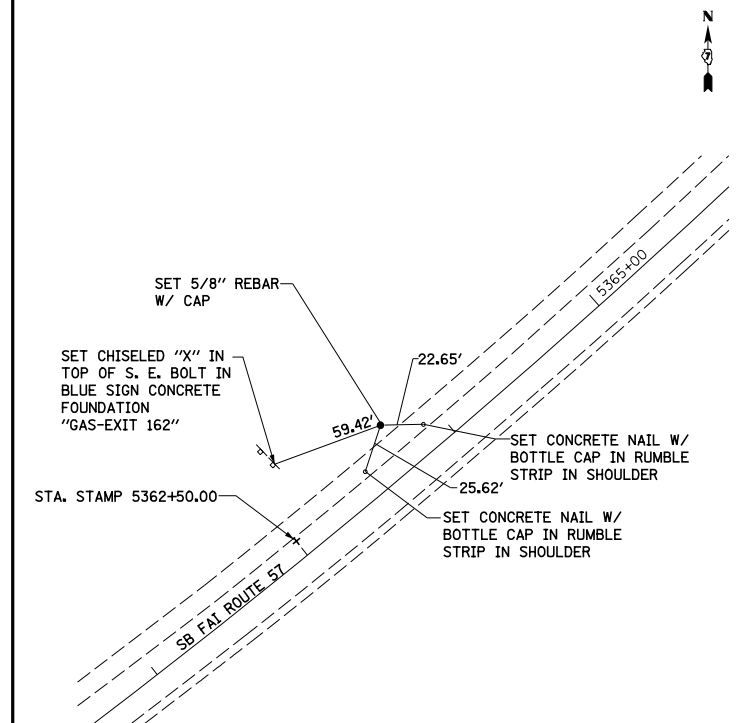
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TRAVERSE/P.O.T. NUMBER 401



TRAVERSE/P.O.T. NUMBER 490



TRAVERSE/P.O.T. NUMBER 6029



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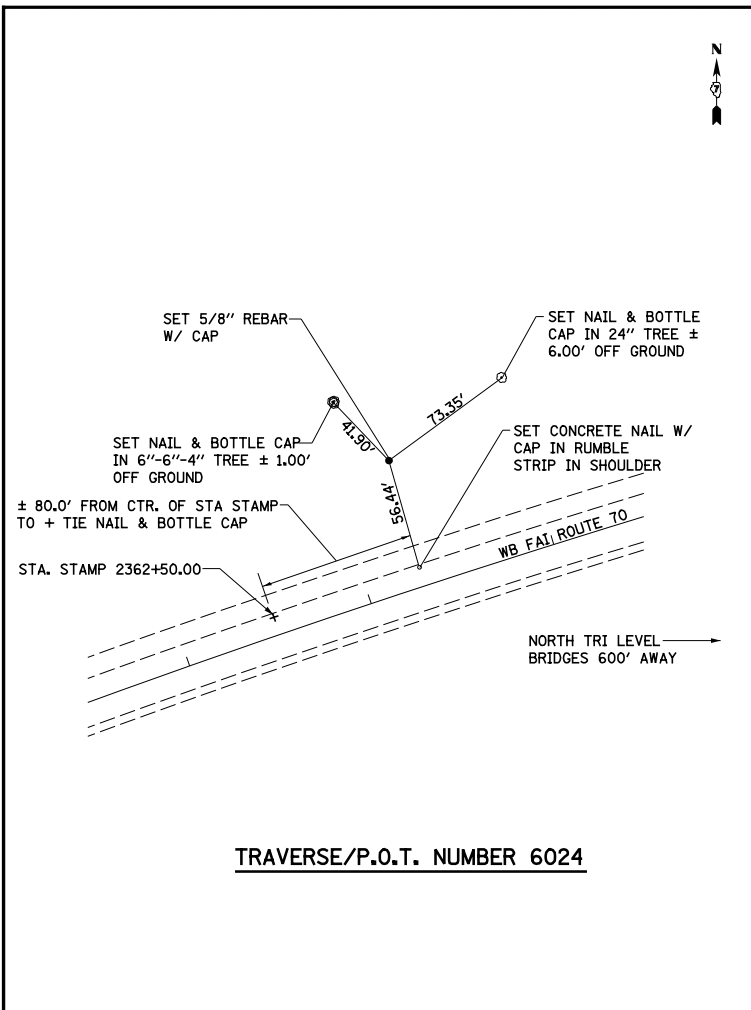
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	DATE - 12-17-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

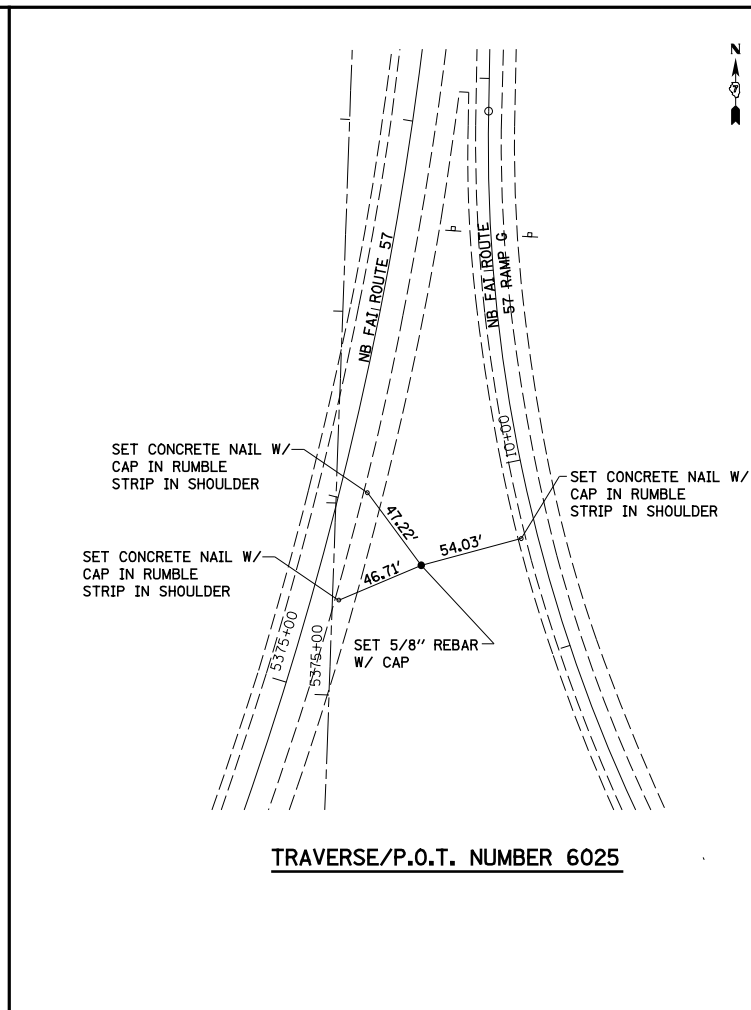
TIE POINTS, FAI ROUTES 57/70

SCALE: 1"=100' SHEET NO. 4 OF 5 SHEETS STA. 2407+00.00 TO STA. 2437+00.92

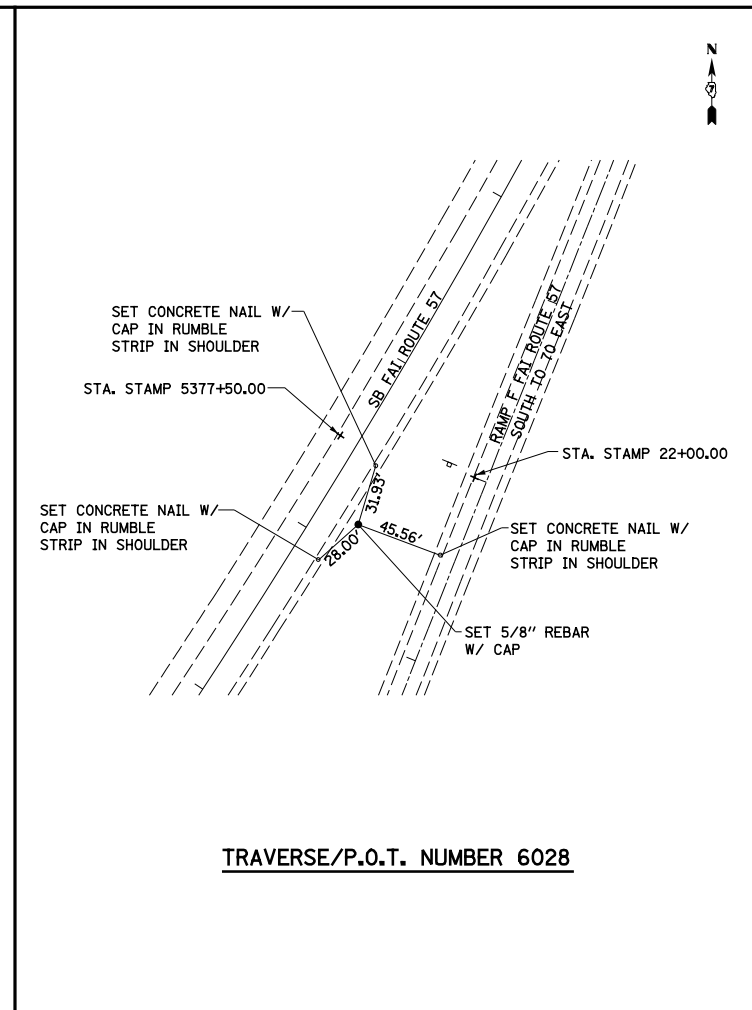
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	1668
CONTRACT NO. 74295				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



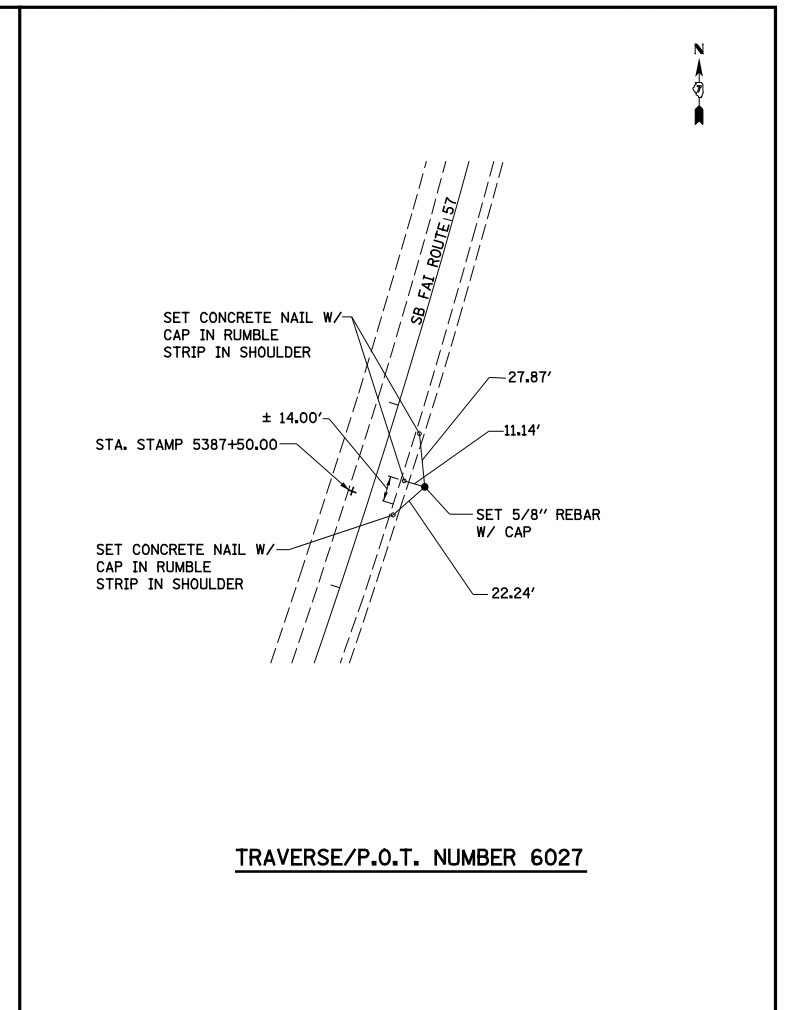
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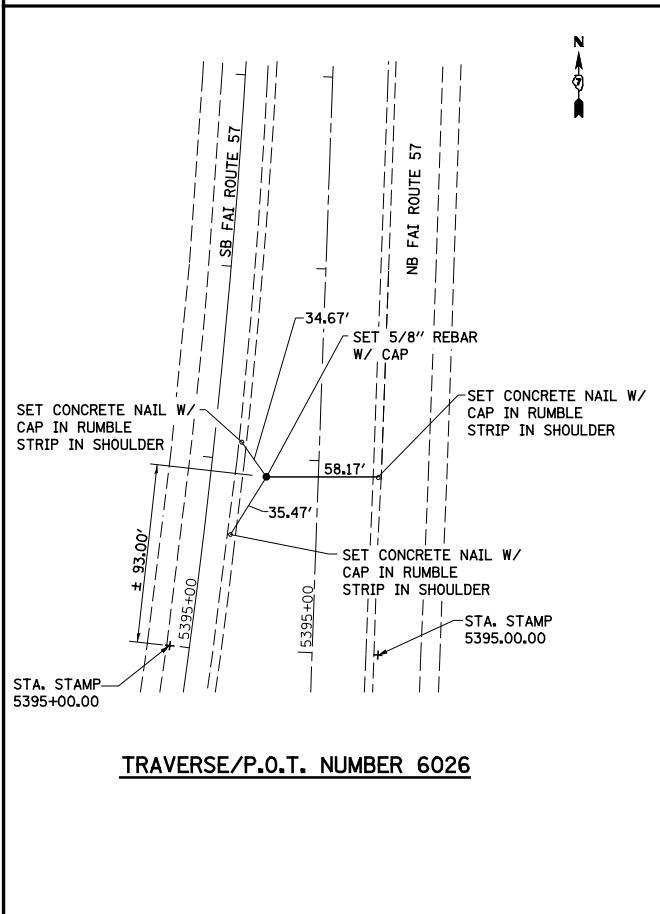
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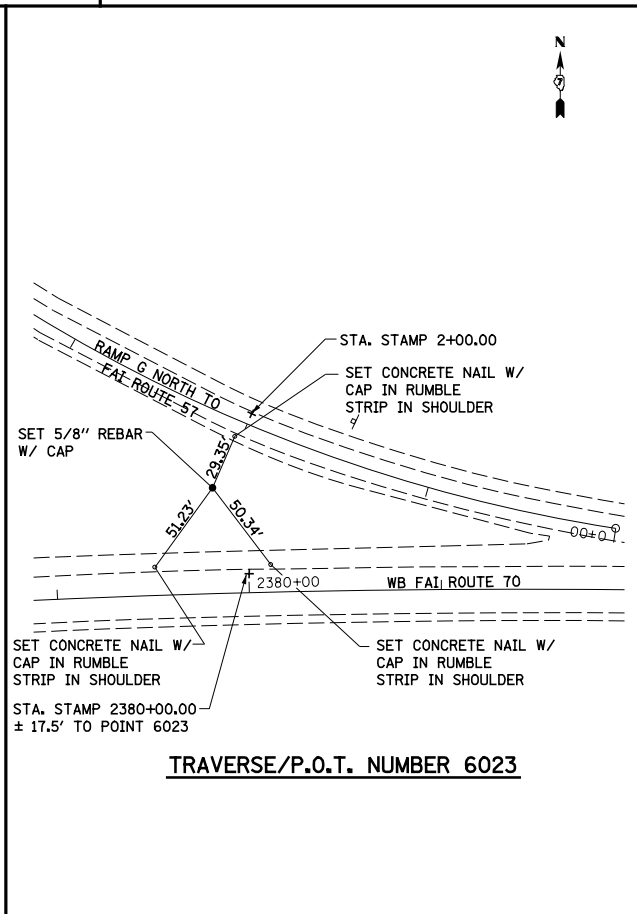
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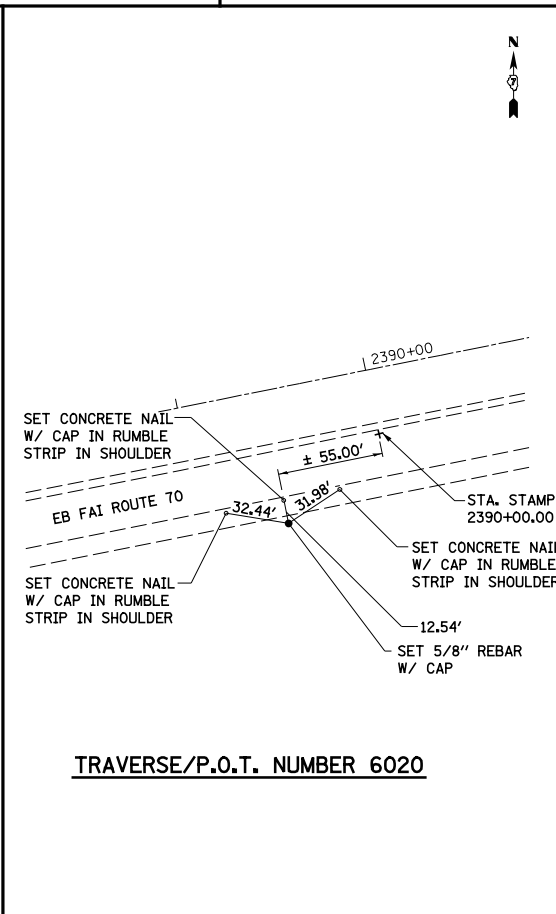
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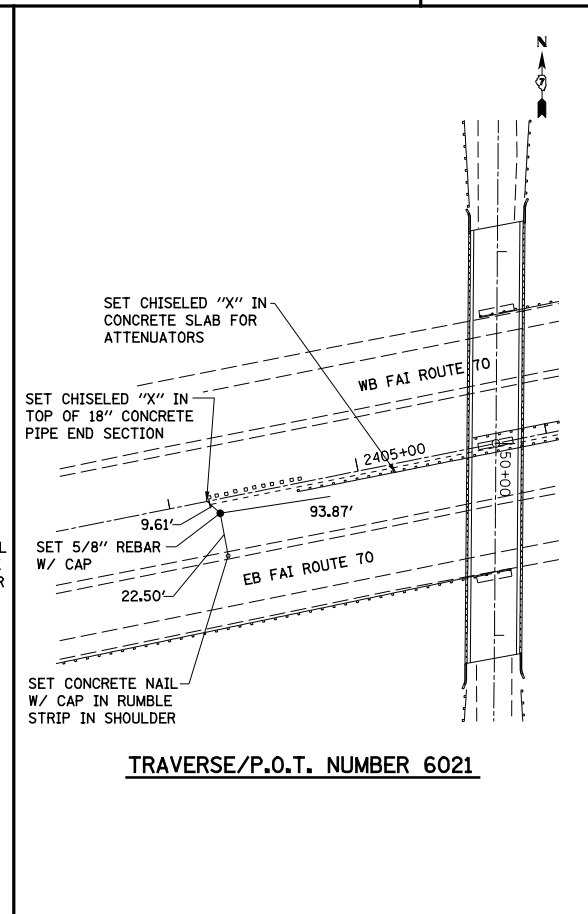
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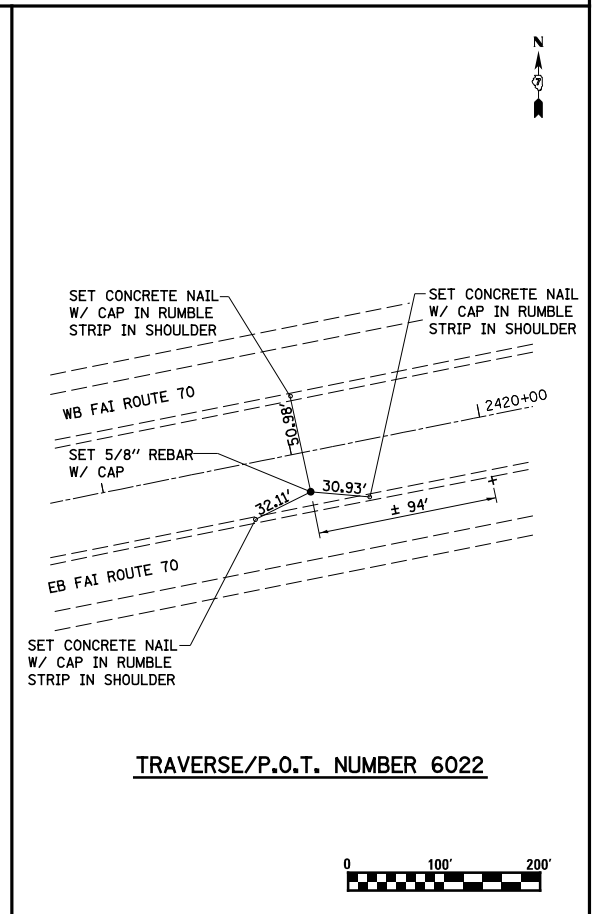
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TRAVERSE/P.O.T. NUMBER 6020



TRAVERSE/P.O.T. NUMBER 6021



TRAVERSE/P.O.T. NUMBER 6022



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

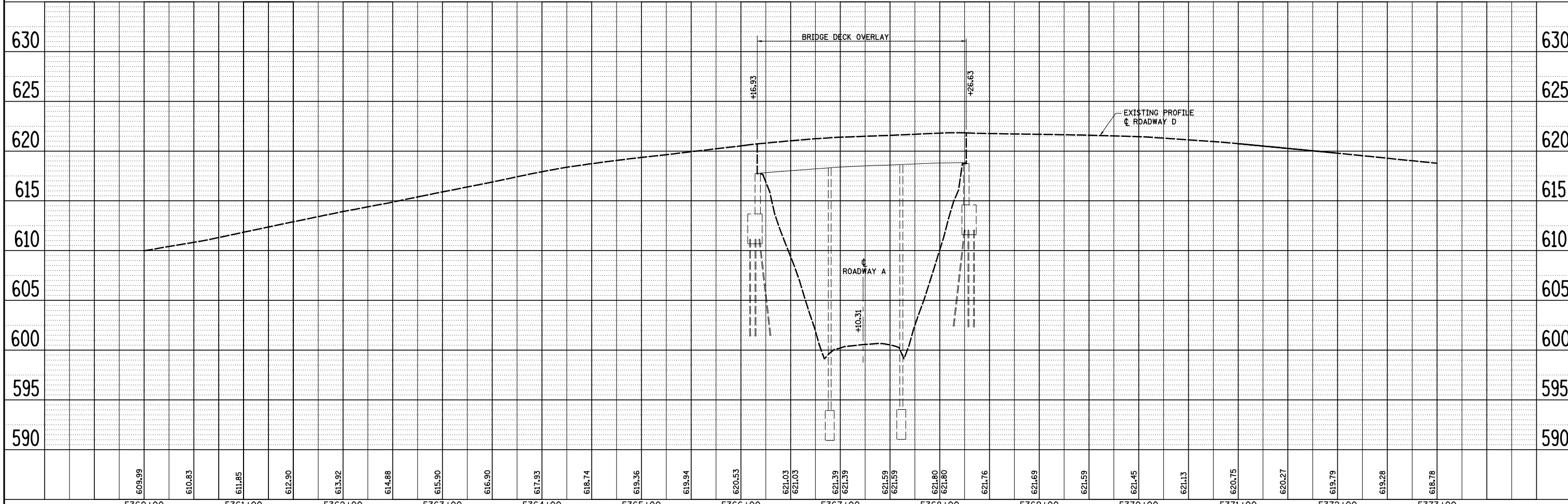
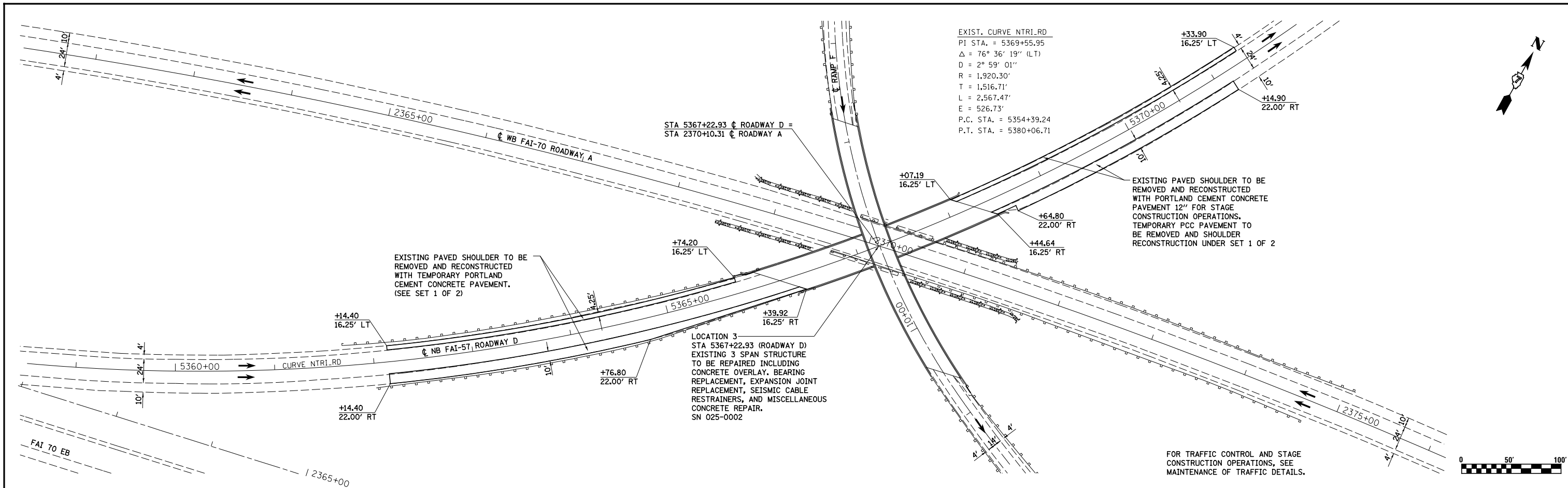
TIE POINTS, FAI ROUTES 57/70

SCALE: 1"=100' SHEET NO. 5 OF 5 SHEETS STA. 2407+00.00 TO STA. 2437+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4R)	EFFINGHAM	1760	1669
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74295	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



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S:\Projects\403-00072-57-70\dgn\Br Repair\Ntr\NTRI.Pavement.Dgn		DRAWN - PDB	REVISED -
		CHECKED - BRM	REVISED -
		DATE - 7-21-08	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 3
 PLAN AND PROFILE, NORTH TRI LEVEL, ROADWAY D**

SCALE: 1"=50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)BR	EFFINGHAM	1760	1670
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



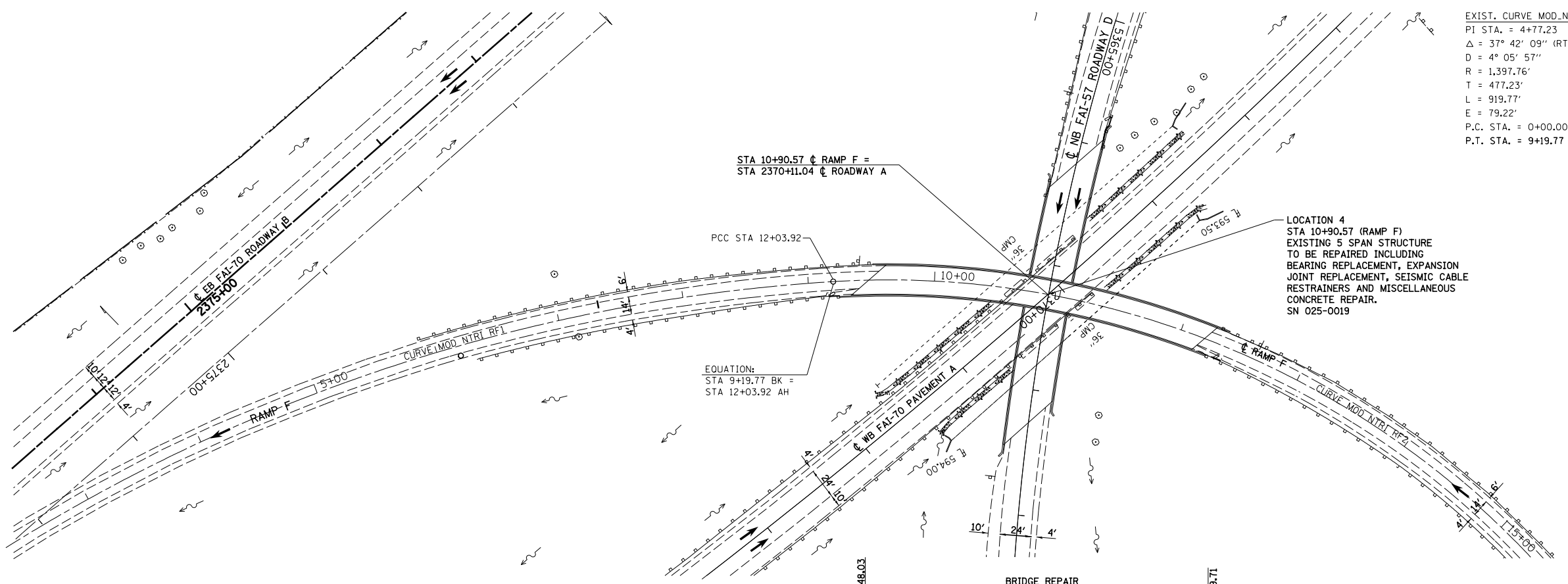
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	PLOTTED	BY
	ALIGNED	CHECKED
	NOTED	FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATIONS
	NO.	

EXIST. CURVE MOD_NTRI_RF1
 PI STA. = 4+77.23
 $\Delta = 37^\circ 42' 09''$ (RT)
 $D = 4^\circ 05' 57''$
 $R = 1,397.76'$
 $T = 477.23'$
 $L = 919.77'$
 $E = 79.22'$
 P.C. STA. = 0+00.00
 P.T. STA. = 9+19.77

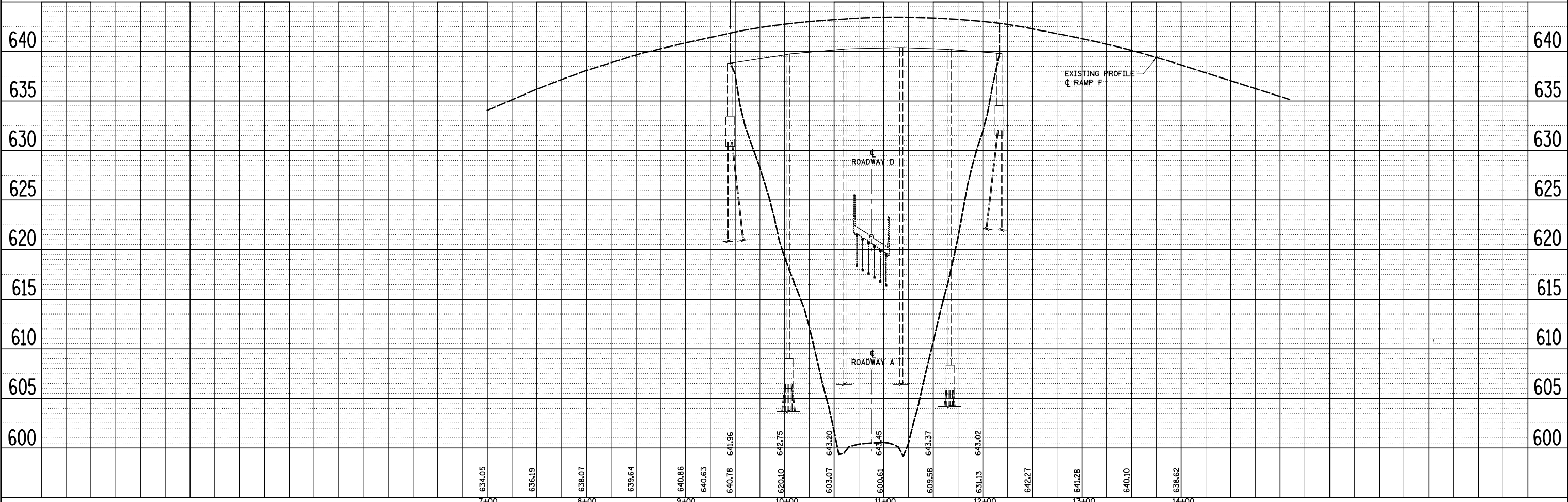
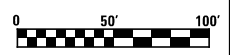
EXIST. CURVE MOD_NTRI_RF2
 PI STA. = 18+47.87
 $\Delta = 85^\circ 16' 42''$ (RT)
 $D = 8^\circ 11' 35''$
 $R = 699.33'$
 $T = 643.95'$
 $L = 1,040.88'$
 $E = 251.32'$
 P.C. STA. = 12+03.92
 P.T. STA. = 22+44.79

NOTE:
 RAMP F PAVEMENT SHALL BE CLOSED AND TRAFFIC
 DETOURED DURING BRIDGE REPAIR OPERATIONS
 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 TRAFFIC CONTROL AND PROTECTION FOR ROADWAY D
 SHALL BE COORDINATED WITH THE OVERALL TRAFFIC
 CONTROL AND PROTECTIONS, (SPECIAL). SEE SPECIAL
 PROVISIONS.



EQUATION:
 STA 9+19.77 BK =
 STA 12+03.92 AH

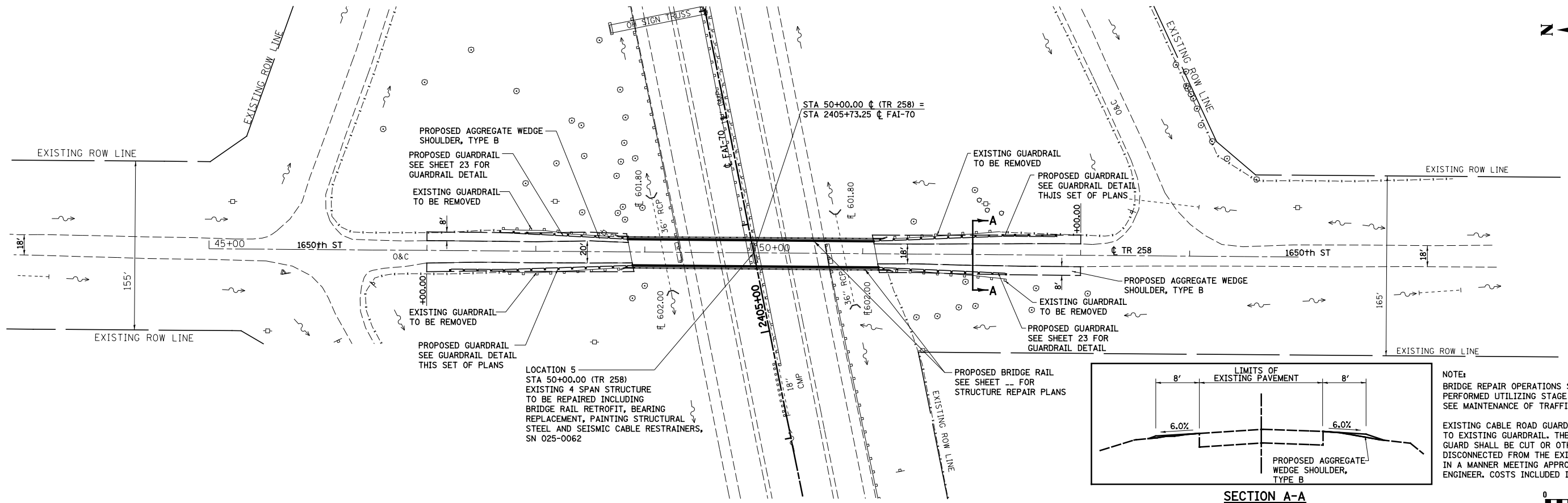
LOCATION 4
 STA 10+90.57 (RAMP F)
 EXISTING 5 SPAN STRUCTURE
 TO BE REPAIRED INCLUDING
 BEARING REPLACEMENT, EXPANSION
 JOINT REPLACEMENT, SEISMIC CABLE
 RESTRAINERS AND MISCELLANEOUS
 CONCRETE REPAIR.
 SN 025-0019



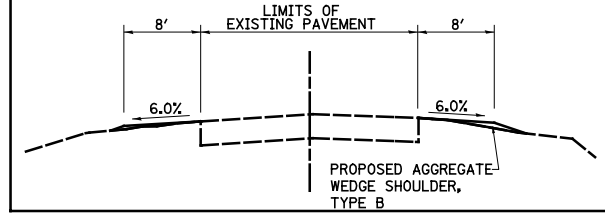
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S:\Projects\403-00072-57-70\dgn\Br Repair\Nor th\N.Tri.RAMPF.dgn		DRAWN - PDB	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	57/70	(25-4)BR	EFFINGHAM	1760	1671
		CHECKED - BRM	REVISED -		CONTRACT NO. 74295							
		DATE - 7-21-08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
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NO.	FILE NAME	

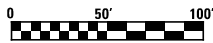
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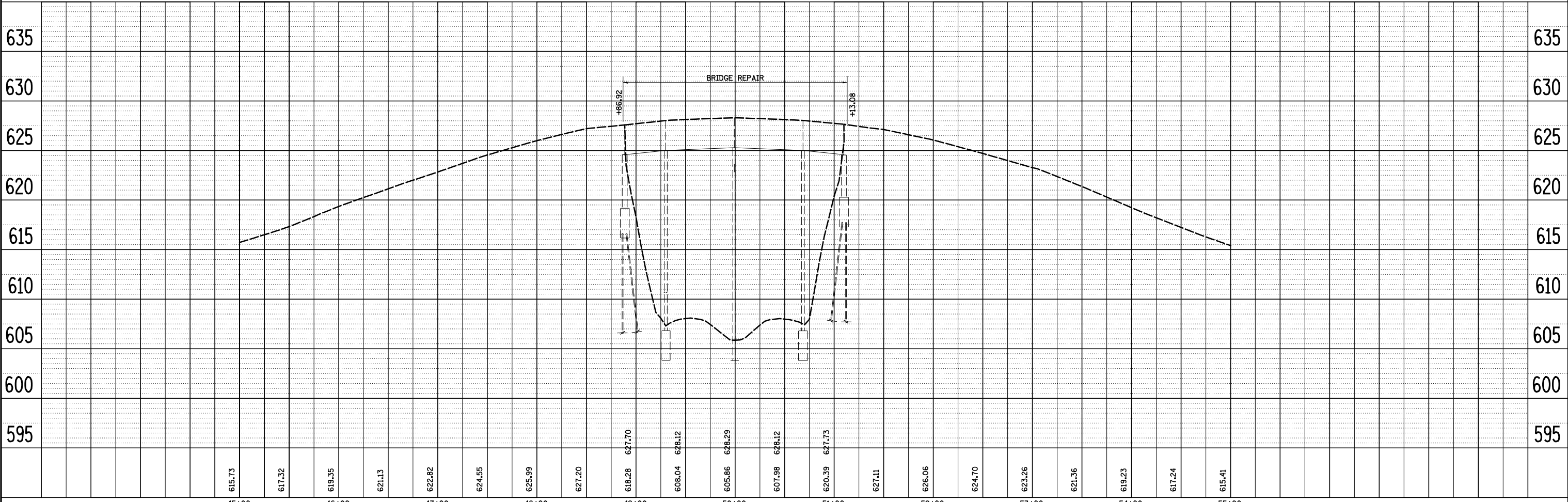
LOCATION 5
 STA 50+00.00 (TR 258)
 EXISTING 4 SPAN STRUCTURE
 TO BE REPAIRED INCLUDING
 BRIDGE RAIL RETROFIT, BEARING
 REPLACEMENT, PAINTING STRUCTURAL
 STEEL AND SEISMIC CABLE RESTRAINERS,
 SN 025-0062



NOTE:
 BRIDGE REPAIR OPERATIONS SHALL BE PERFORMED UTILIZING STAGE CONSTRUCTION. SEE MAINTENANCE OF TRAFFIC DETAILS.
 EXISTING CABLE ROAD GUARD IS CONNECTED TO EXISTING GUARDRAIL. THE CABLE ROAD GUARD SHALL BE CUT OR OTHERWISE DISCONNECTED FROM THE EXISTING GUARDRAIL IN A MANNER MEETING APPROVAL OF THE ENGINEER. COSTS INCLUDED IN GUARDRAIL REMOVAL.



600



45+00	615.73	617.32	619.35	621.13	622.82	624.55	625.99	627.20	618.28	627.70	608.04	628.12	605.86	628.29	607.98	628.12	620.39	627.73	627.11	626.06	624.70	623.26	621.36	619.23	617.24	615.41	55+00
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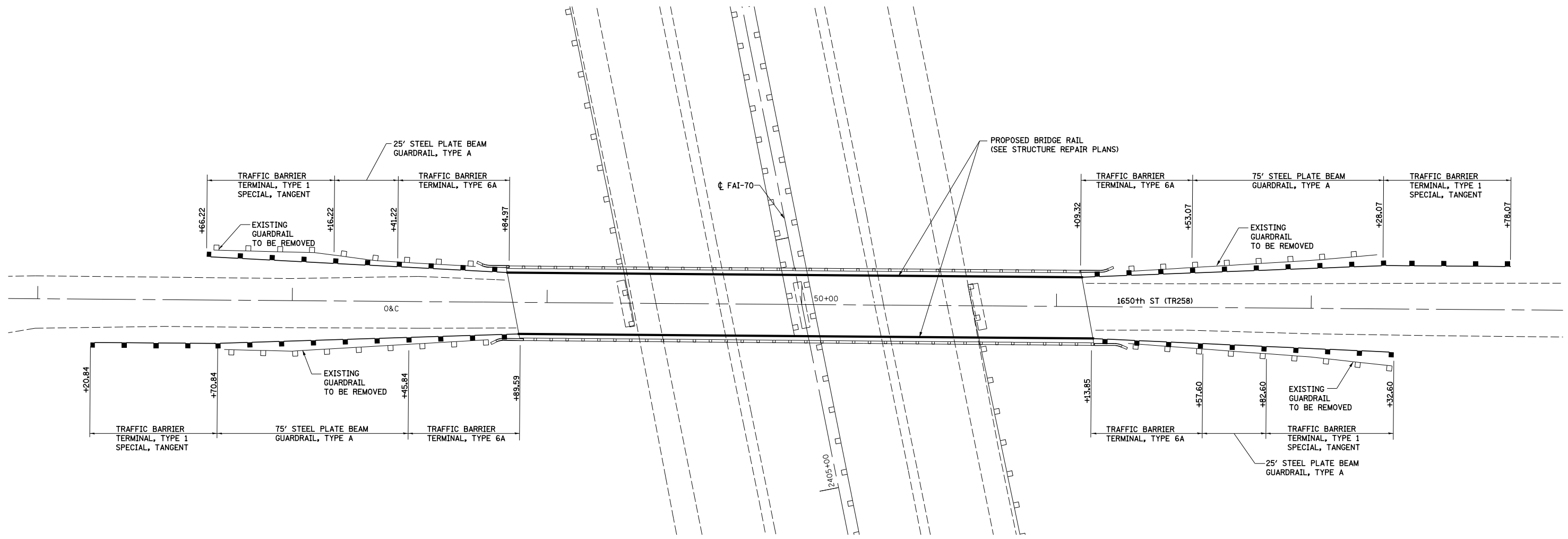
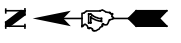
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PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
PLOT DATE = *DATE*	DATE - 7-21-08	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 5
 PLAN AND PROFILE, 1650th ST. (TR258)**

SCALE: 1"=50' SHEET NO. 3 OF 3 SHEETS STA. 2405+00.00 TO STA. 2420+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)BR	EFFINGHAM	1760	1672
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -
S:\Project\163\200725170.dgn\B-Repair\Work\Guardrail detail.dgn		DRAWN - PDB	REVISED -
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	PLOT DATE = \$DATE\$	DATE - 8-6-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 5
GUARDRAIL DETAIL, 1650th ST. (TR258)**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. 5+45.18 TO STA. 14+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)BR	EFFINGHAM	1760	1673
CONTRACT NO. 74295				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

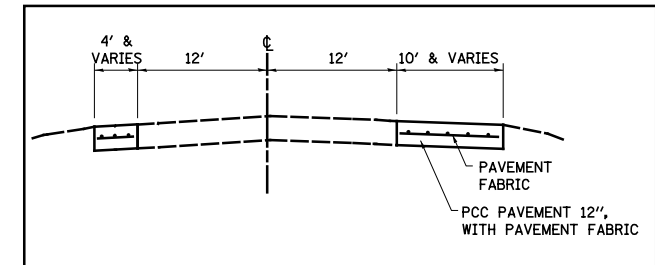
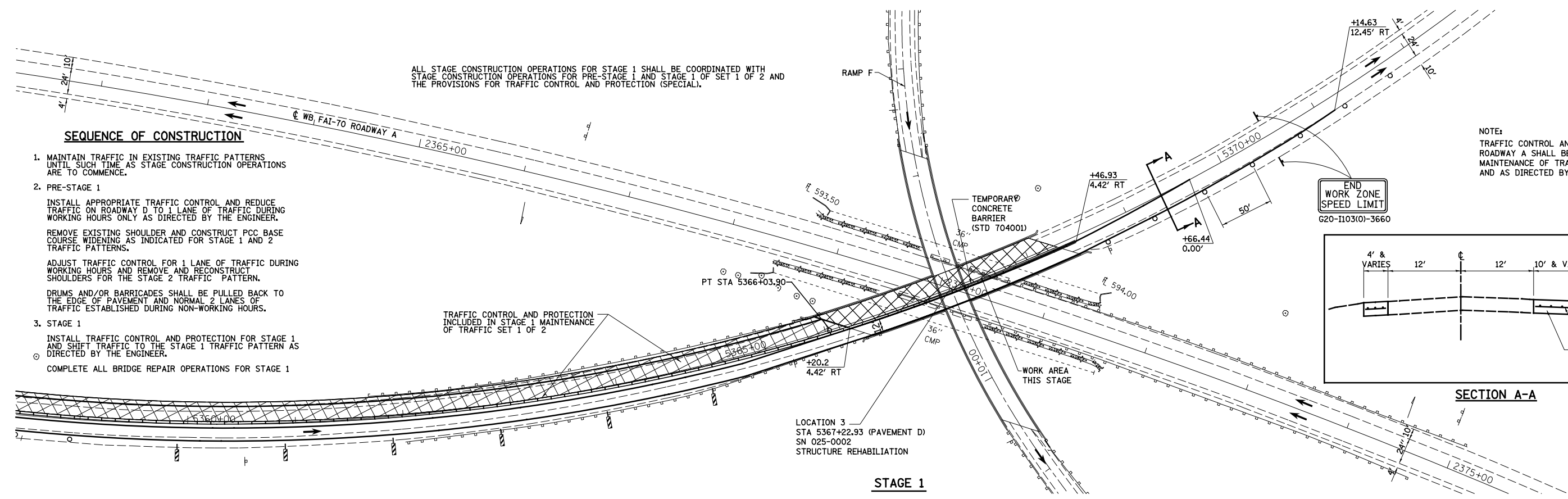


ALL STAGE CONSTRUCTION OPERATIONS FOR STAGE 1 SHALL BE COORDINATED WITH STAGE CONSTRUCTION OPERATIONS FOR PRE-STAGE 1 AND STAGE 1 OF SET 1 OF 2 AND THE PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

SEQUENCE OF CONSTRUCTION

1. MAINTAIN TRAFFIC IN EXISTING TRAFFIC PATTERNS UNTIL SUCH TIME AS STAGE CONSTRUCTION OPERATIONS ARE TO COMMENCE.
2. PRE-STAGE 1
 INSTALL APPROPRIATE TRAFFIC CONTROL AND REDUCE TRAFFIC ON ROADWAY D TO 1 LANE OF TRAFFIC DURING WORKING HOURS ONLY AS DIRECTED BY THE ENGINEER.
 REMOVE EXISTING SHOULDER AND CONSTRUCT PCC BASE COURSE WIDENING AS INDICATED FOR STAGE 1 AND 2 TRAFFIC PATTERNS.
 ADJUST TRAFFIC CONTROL FOR 1 LANE OF TRAFFIC DURING WORKING HOURS AND REMOVE AND RECONSTRUCT SHOULDERS FOR THE STAGE 2 TRAFFIC PATTERN.
 DRUMS AND/OR BARRICADES SHALL BE PULLED BACK TO THE EDGE OF PAVEMENT AND NORMAL 2 LANES OF TRAFFIC ESTABLISHED DURING NON-WORKING HOURS.
3. STAGE 1
 INSTALL TRAFFIC CONTROL AND PROTECTION FOR STAGE 1 AND SHIFT TRAFFIC TO THE STAGE 1 TRAFFIC PATTERN AS DIRECTED BY THE ENGINEER.
 COMPLETE ALL BRIDGE REPAIR OPERATIONS FOR STAGE 1

NOTE:
 TRAFFIC CONTROL AND PROTECTION FOR ROADWAY A SHALL BE IN ACCORDANCE WITH MAINTENANCE OF TRAFFIC PLANS (SET 1 OF 2) AND AS DIRECTED BY THE ENGINEER.



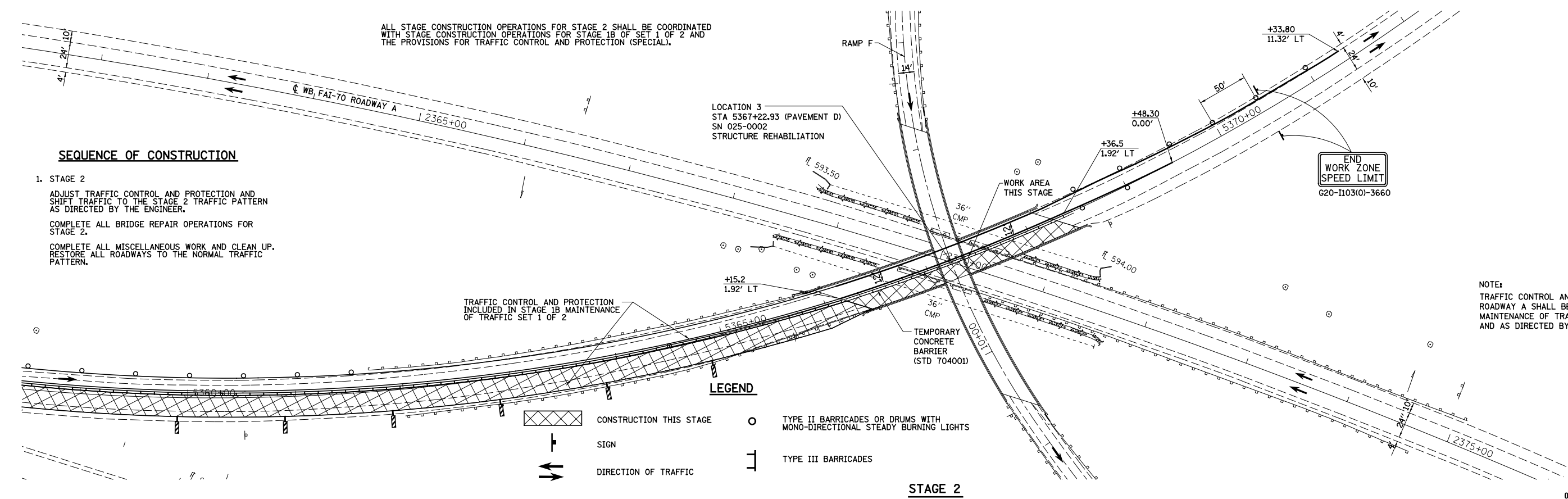
STAGE 1

ALL STAGE CONSTRUCTION OPERATIONS FOR STAGE 2 SHALL BE COORDINATED WITH STAGE CONSTRUCTION OPERATIONS FOR STAGE 1B OF SET 1 OF 2 AND THE PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

SEQUENCE OF CONSTRUCTION

1. STAGE 2
 ADJUST TRAFFIC CONTROL AND PROTECTION AND SHIFT TRAFFIC TO THE STAGE 2 TRAFFIC PATTERN AS DIRECTED BY THE ENGINEER.
 COMPLETE ALL BRIDGE REPAIR OPERATIONS FOR STAGE 2.
 COMPLETE ALL MISCELLANEOUS WORK AND CLEAN UP. RESTORE ALL ROADWAYS TO THE NORMAL TRAFFIC PATTERN.

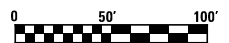
NOTE:
 TRAFFIC CONTROL AND PROTECTION FOR ROADWAY A SHALL BE IN ACCORDANCE WITH MAINTENANCE OF TRAFFIC PLANS (SET 1 OF 2) AND AS DIRECTED BY THE ENGINEER.



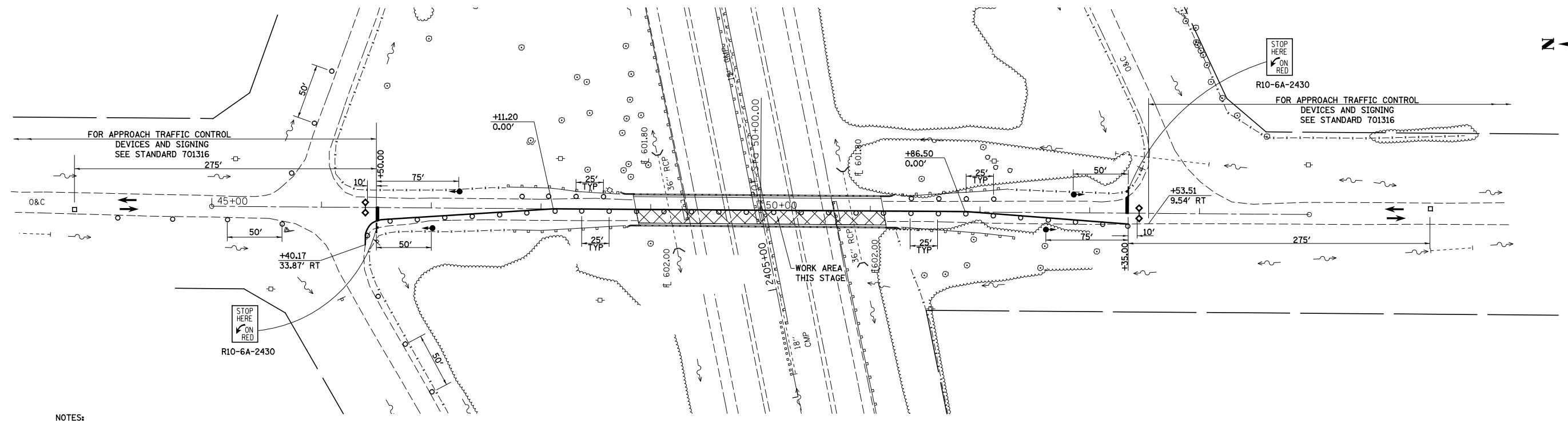
LEGEND

- CONSTRUCTION THIS STAGE
- SIGN
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- TYPE III BARRICADES

STAGE 2



FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 3 MAINTENANCE OF TRAFFIC, NORTH TRI LEVEL ROADWAY D		F.A.I. RTE. 57/70	SECTION (25-4R)	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1674
Sn\Projects\403-00072-57-70\ dgn\Br Repair\Worth\mot	S2.NTr1.Pavement 0.dgn	DRAWN - PDB	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 74295		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
		CHECKED - BRM	REVISED -								
		DATE - 7-21-08	REVISED -								



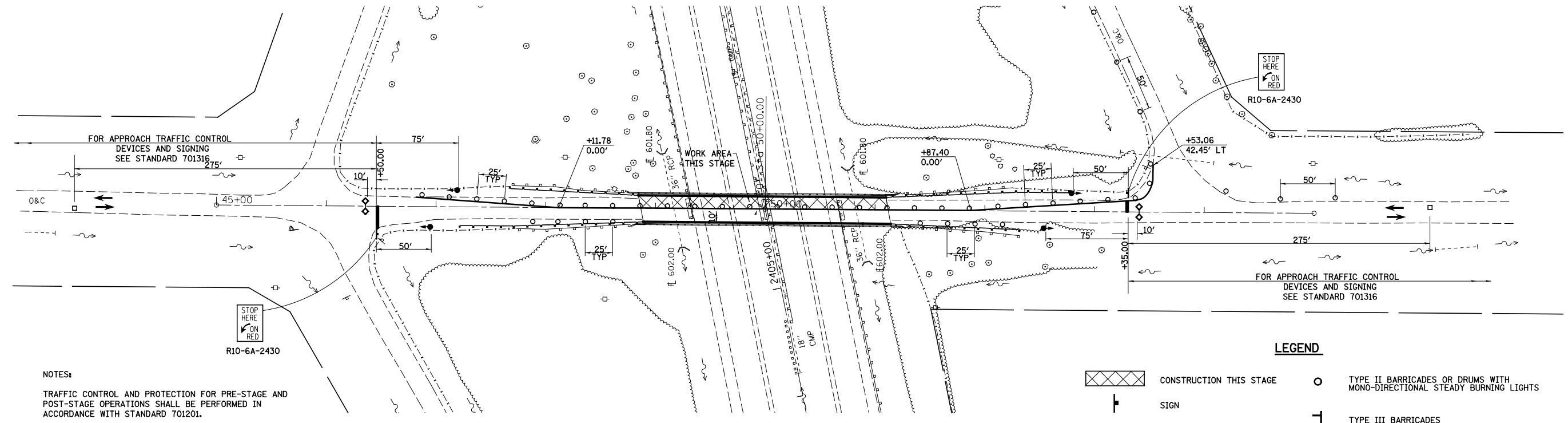
NOTES:

TRAFFIC CONTROL AND PROTECTION FOR PRE-STAGE AND POST-STAGE OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD 701201.

TRAFFIC CONTROL AND PROTECTION FOR EB AND WB FAI TO SHALL BE IN ACCORDANCE WITH STANDARDS 701400 AND 701401 AS DIRECTED BY THE ENGINEER.

ADDITIONAL SIGNING WILL BE REQUIRED ON THE ADJACENT SIDE ROADS. SEE SIDE ROAD ADDITIONAL SIGNING DETAIL SHEET.

STAGE 1



NOTES:








TRAFFIC CONTROL AND PROTECTION FOR PRE-STAGE AND POST-STAGE OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD 701201.

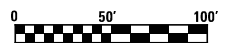
TRAFFIC CONTROL AND PROTECTION FOR EB AND WB FAI TO SHALL BE IN ACCORDANCE WITH STANDARDS 701400 AND 701401 AS DIRECTED BY THE ENGINEER.

ADDITIONAL SIGNING WILL BE REQUIRED ON THE ADJACENT SIDE ROADS. SEE SIDE ROAD ADDITIONAL SIGNING DETAIL SHEET.

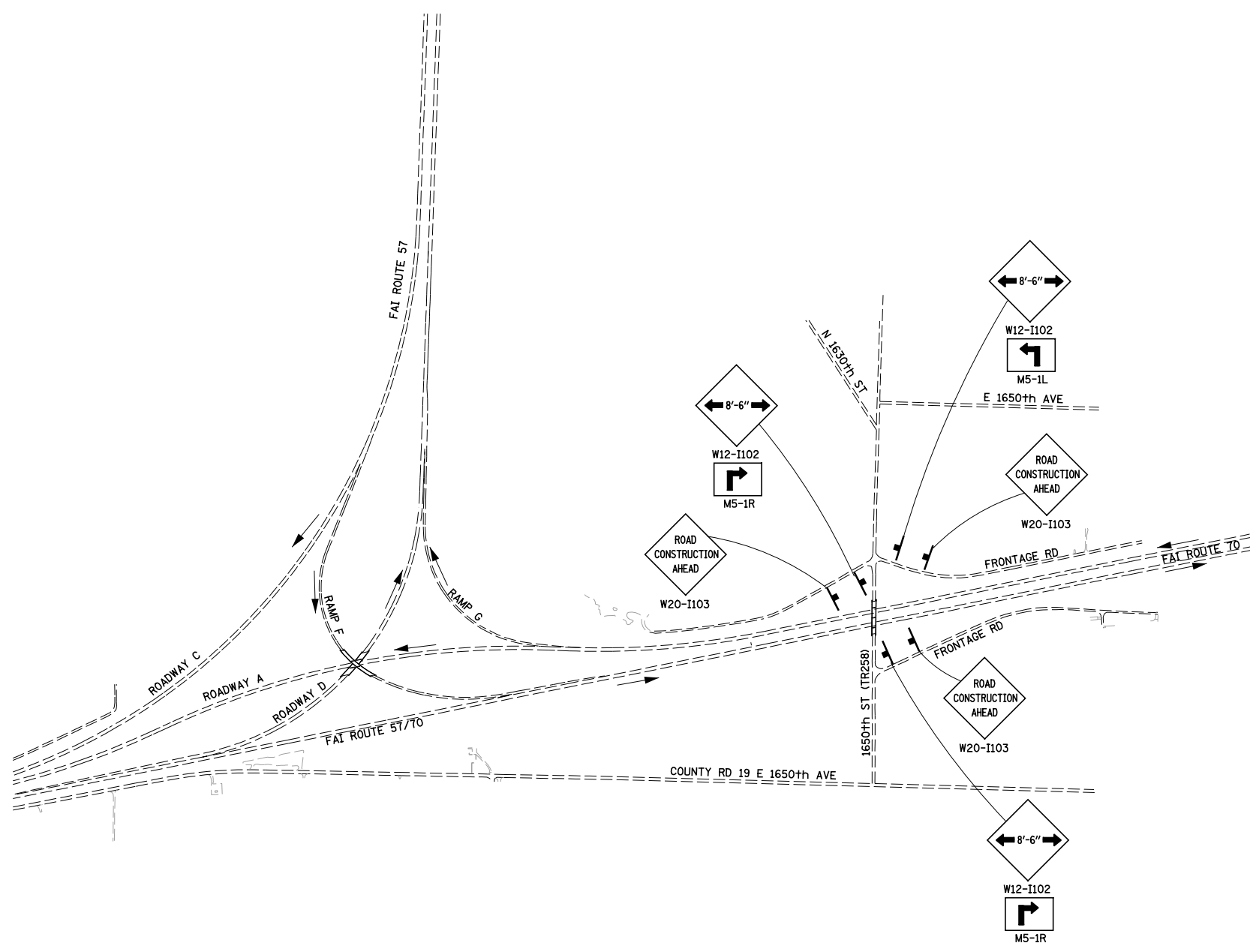
STAGE 2

LEGEND

-  CONSTRUCTION THIS STAGE
-  SIGN
-  DIRECTION OF TRAFFIC
-  DETECTOR LOOPS
-  TEMPORARY BRIDGE SIGNAL
-  TYPE II BARRICADES OR DRUMS WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
-  TYPE III BARRICADES



FILE NAME = S:\Projects\403-00072.57-70\dgn\Br Repair\Work\mot\52_#50th.dgn	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 5 MAINTENANCE OF TRAFFIC, STAGE 1 AND STAGE 2, 1650th			F.A.I. RTE. 57/70	SECTION (25-4)BR	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1675
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PLOT DATE = #DATE#	DATE - 7-21-08	REVISIED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



LEGEND

- SIGNS ON PERMANENT SUPPORTS
- FLASHING LIGHT ABOVE SIGN

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED UNLESS NOTED OTHERWISE.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ADDITIONAL SIGNING REQUIRED IN CONJUNCTION WITH STAGE CONSTRUCTION ON TR 258 WILL BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION, STANDARD 701316

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -
SY:\Project\143\2007\257-70\sign\16\Repar\Work\16258_additional_signing.dwg		DRAWN - MAB	REVISED -
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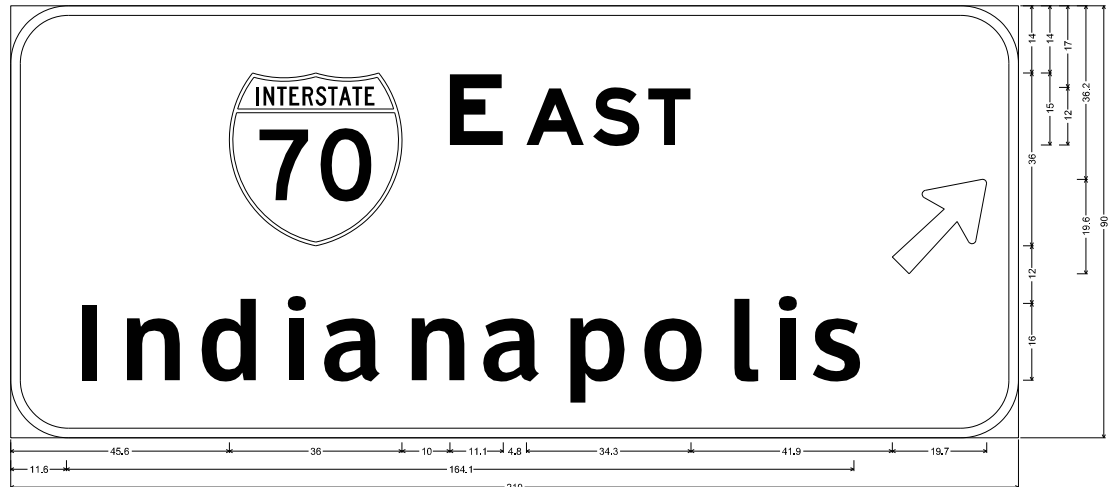
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 5
SIDE ROAD ADDITIONAL SIGNING DETAIL**

SCALE: 1"=500' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)BR	EFFINGHAM	1760	1676
CONTRACT NO. 74295				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DETOUR SIGN PANEL
SIGN ON 2 I-BEAMS
STA 2325+00 FAI ROUTE 57/70

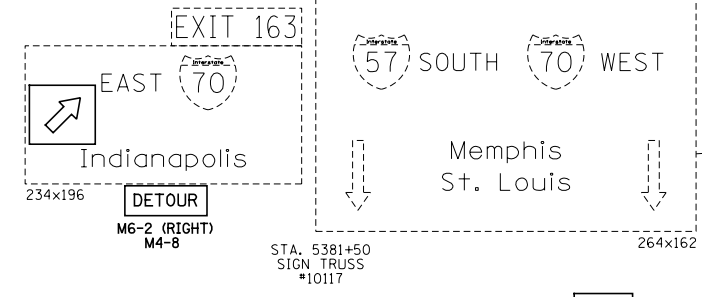


12.0" Radius, 2.0" Border, White on Orange:
[E AST] E Mod 2K [Indianapolis] Clearview Hwy-S-W; Arrow 80 - 25.0" 45";
Table of widths and spaces:

45.6	36.0	10.0	11.1	4.8	12.1	1.8	9.7	1.8	6.9	41.9	19.7	6.6												
11.8	3.3	6.2	11.2	5.3	11.8	5.7	3.8	4.7	12.0	5.0	11.2	5.0	11.9	5.0	11.7	4.7	12.4	5.4	5.1	4.5	3.8	4.3	10.3	34.3

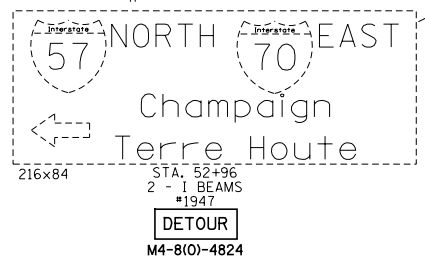
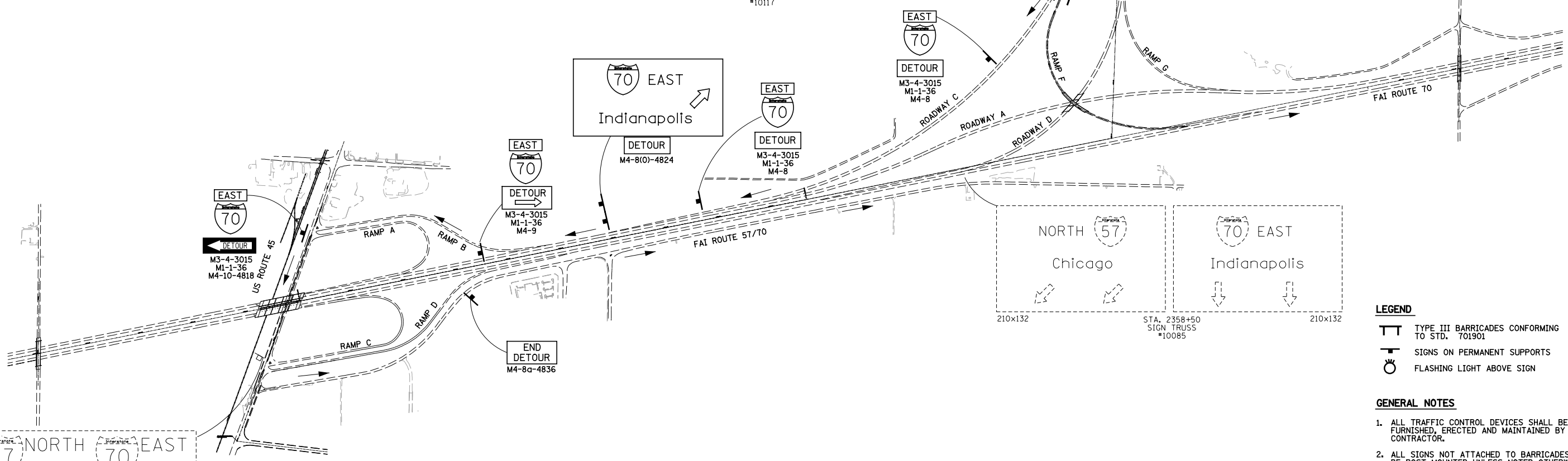


DRUMS WITH STEADY BURN WARNING LIGHTS SHALL BE PLACED THROUGH OUT THE LENGTH OF THE EXIT TERMINAL AS DIRECTED BY THE ENGINEER SEE STANDARD 701451



STA. 5381+50
SIGN TRUSS #10117

ROAD CLOSED
R11-2
DETOUR
M4-10-4818
TYPE III BARRICADES CONFORMING TO STD. 701901 WITH 2 FLASHING LIGHTS PER BARRICADE



LEGEND

- TYPE III BARRICADES CONFORMING TO STD. 701901
- SIGNS ON PERMANENT SUPPORTS
- FLASHING LIGHT ABOVE SIGN

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED UNLESS NOTED OTHERWISE.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION (DETOUR 1). DETOUR OTHER ITEMS REQUIRED BY THE ENGINEER AND NOT SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

FILE NAME =
S:\Projects\03\2007\257-70\sign\Wor\1\loc.detour sheet.dgn

USER NAME = *USER*
DESIGNED - JWS
DRAWN - MAB
CHECKED - BRM
PLOT DATE = *DATE*

DESIGNED - JWS
DRAWN - MAB
CHECKED - BRM
DATE - 6-19-08

REVISED -
REVISED -
REVISED -
REVISED -

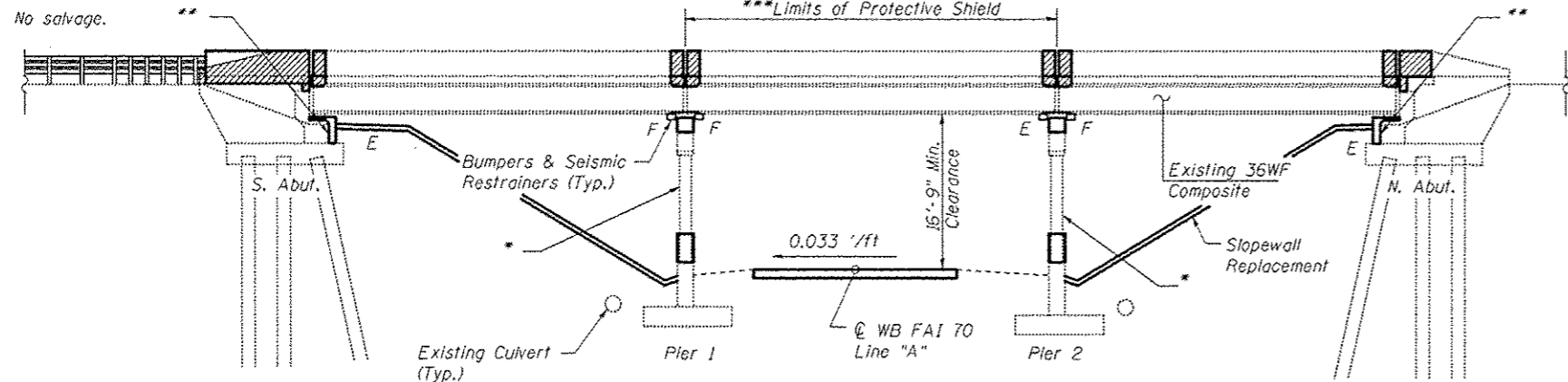
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 4
EB FAI-70 RAMP F NORTH TRI LEVEL DETOUR PLAN
SCALE: 1"=500' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)BR	EFFINGHAM	1760	1677
CONTRACT NO. 74295				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

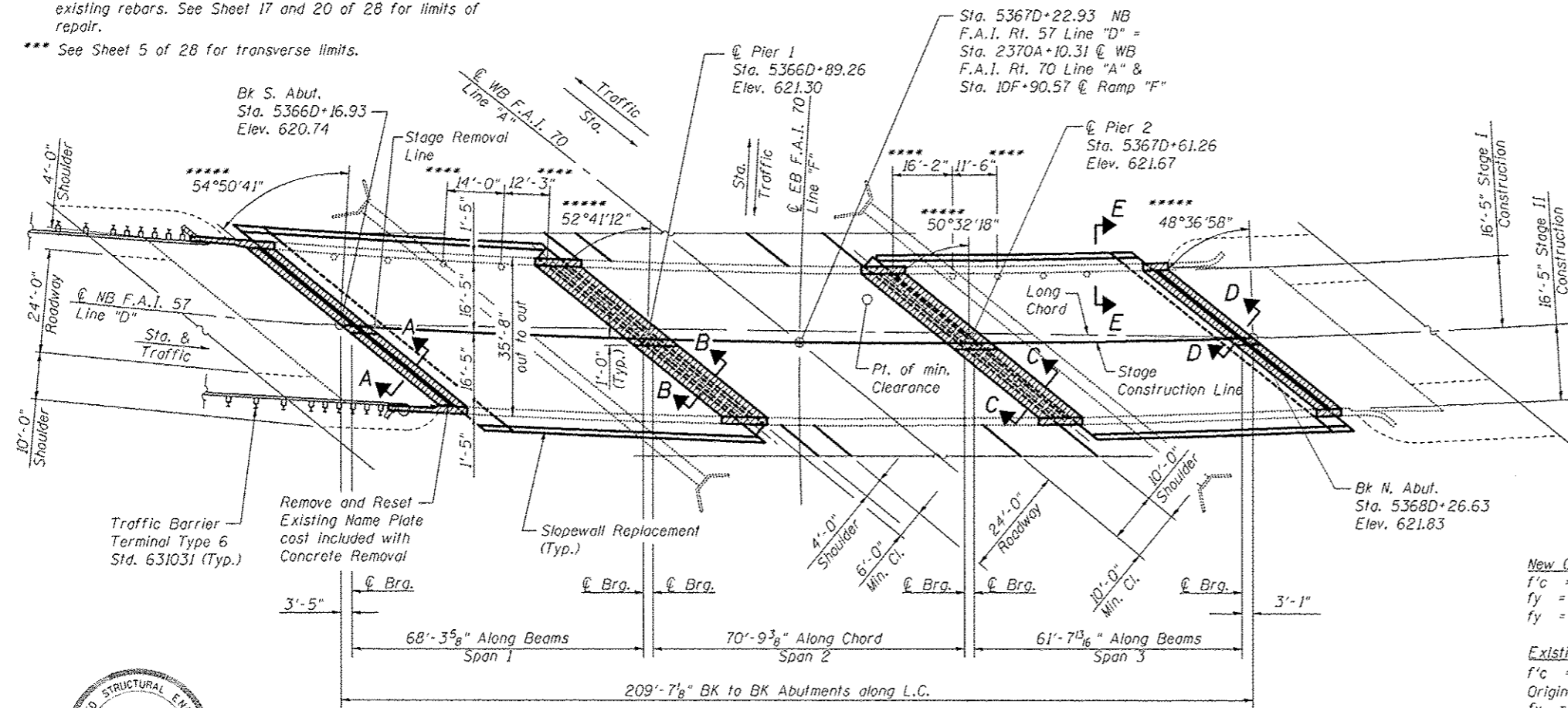
Bench Mark: Chiseled "□" Station 2345A+08, 44.0 ft left of centerline of survey on light pole base north side of I-57/I-70 Elev. 590.10.

Existing Structure: #025-0002 Constructed in 1960 and rehabilitated in 1976, 1987 and 2000 is 35'-8" out to out and 209'-7 1/8" BK to BK of abutments along the long chord. The structure consists of three simple spans of R.C. slab and composite steel I-Beams supported on spill through abutments and multi-column piers with hammer head caps. Traffic shall be maintained using staged construction.



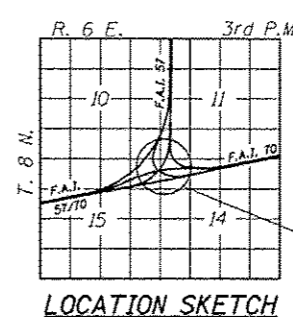
ELEVATION

- ▨ Indicates existing concrete and expansion devices to be removed and replaced.
- * Structural Repair of Concrete. See Sheets 25 and 28 of 28 for Limits of concrete repair.
- ** Limits of Concrete Removal (Special) and cleaning of existing rebars. See Sheet 17 and 20 of 28 for limits of repair.
- *** See Sheet 5 of 28 for transverse limits.



PLAN

For sections A-A, B-B, C-C, D-D and E-E See Sheet 3 of 28.



LOCATION SKETCH

INDEX OF SHEETS

1. General Plan
2. General Data
3. General Information
4. Concrete Removal & Deck Slab Repair Superstructure
5. Superstructure
6. Superstructure Slab Repair Details
7. Superstructure Bill of Materials & Parapet Details
8. Slopewall Details
9. Preformed Joint Strip Seal
10. Bar Splicer Assembly & Mechanical Splicer Details
11. Seismic Restrainer & Bracket Details
12. Bumper Details
13. Bumper Details Pier 1
14. Bumper Details Pier 2
15. Intentionally Blank
16. Bearing Details
17. Concrete Removal & Repair South Abutment
18. South Abutment Details
19. South Abutment Sections
20. Concrete Removal & Repair North Abutment
21. North Abutment Details
22. North Abutment Sections
23. Pier 1 General Plan
24. Pier 1 Details
25. Pier 1 Repair Details
26. Pier 2 General Plan
27. Pier 2 Details
28. Pier 2 Repair Details

LOADING HS20-44 & ALT.

No Future Wearing Surface

DESIGN SPECIFICATIONS

- 2002 AASHTO Standard Specifications for Highway Bridges
- 1995 F.H.W.A. Seismic Retrofitting Manual for Highway Bridges
- 2006 F.H.W.A. Seismic Retrofitting Manual for Highway Structures Part I-Bridges (Reference Only)

DESIGN STRESSES

New Construction
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (Structural Steel) (AASHTO M270 Grade 50)

Existing Structure
 $f'_c = 3,500$ psi
 Original 1960 Construction
 $f_y = 40,000$ psi (Super & Sub) (Reinforcement)
 $f_y = 33,000$ psi (Structural Steel)
 1987 Widening
 $f_y = 60,000$ psi (Super) (Reinforcement)

- **** Span 1 existing floor drains at 14'-0" on center and 12'-3" clr. from Pier 1.
- **** Span 3 existing floor drains at 11'-6" on center and 16'-2" clr. from Pier 2.
- No drains in Span 2.

- **** Skew angle measured to tangent at intersection of \bar{c} roadway & \bar{c} substructure.

GENERAL PLAN

NORTHBOUND F.A.I. ROUTE 57 OVER WESTBOUND F.A.I. ROUTE 70 STATION 5367D+22.93 STRUCTURE NO. 025-0002



Chadwick J. Fuesting 6/12/13

FILE NAME - 0250002-74295-001.dgn	USER NAME -	DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHEET NO. 1 OF 28 SHEETS															
ILLINOIS DESIGN FIRM NUMBER 184.001670	CHECKED - ACS	REVISED -																		
PLOT SCALE -	DRAWN - WJS	REVISED -																		
PLOT DATE - 4:00 PM 6/12/2013	CHECKED - CJF & BB	REVISED -																		
<table border="1"> <tr> <th>F.A.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>57</td> <td>(25-4HB)-4</td> <td>EFFINGHAM</td> <td>1760</td> <td>1678</td> </tr> <tr> <td colspan="3" style="text-align: center;">SN 025-0002</td> <td colspan="2" style="text-align: center;">CONTRACT NO. 74295</td> </tr> </table>						F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	57	(25-4HB)-4	EFFINGHAM	1760	1678	SN 025-0002			CONTRACT NO. 74295	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																
57	(25-4HB)-4	EFFINGHAM	1760	1678																
SN 025-0002			CONTRACT NO. 74295																	

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB		TOTAL
			ABUT.	PIER	
Removal and Disposal of Unsuitable Material	Cu. Yd.		434		434
Porous Granular Embankment	Cu. Yd.		434		434
Concrete Removal	Cu. Yd.	38.9	9.2		48.1
Slope Wall Removal	Sq. Yd.		571		571
Protective Shield	Sq. Yd.	286			286
Structure Excavation	Cu. Yd.		19		19
Concrete Structures	Cu. Yd.		21.3	27.2	48.5
Rubbed Finish	Sq. Ft.			172	172
Concrete Superstructure	Cu. Yd.	38.3	9.9		48.2
Bridge Deck Grooving	Sq. Yd.	693			693
Protective Coat	Sq. Yd.	133.2			133.2
Furnishing and Erecting Structural Steel	Pound	9390			9390
Reinforcement Bars, Epoxy Coated	Pound	4330	4520	3630	12,480
Bar Splicers	Each	50	18		68
Slope Wall 4 Inch	Sq. Yd.		650.6		650.6
Prefomed Joint Strip Seal	Foot	221			221
Elastomeric Bearing Assembly Type I	Each		12	6	18
Anchor Bolts, 1"	Each		24	48	72
Concrete Sealer	Sq. Ft.		1217	1115	2332
Seismic Restrainer	Each	12			12
Jack and Remove Existing Bearings	Each	36			36
Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2 1/2"	Sq. Yd.	658			658
Bridge Deck Scarification 2 1/2"	Sq. Yd.	658			658
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.		6	172	178
Concrete Removal (Special)	Sq. Yd.		4	6	10
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	27			27

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8" ϕ , holes 15/16" ϕ , unless otherwise noted.

All structural steel associated with the bumpers, cable and bracket shall be AASHTO M 270 Grade 50. All other structural steel shall be AASHTO M 270 Grade 36.

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that can not be removed by grinding 1/4 in deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

Plan dimensions and details relative to existing plans are subject to nominal construction 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 scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Concrete Sealer shall be applied to the designated areas of the abutments and piers. No field welding is permitted except as specified in the contract documents.

The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior Bumpers and Brackets shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior Bumpers and Brackets attached to the fascia beams shall be Blue, Munsell No. 10B 3/6.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with approved bar splicers or an anchorage system. Reinforcement bars shall be cleaned according to Article 501.05 of the Standard Specifications and to the satisfaction of the Engineer. Cost included with Concrete Removal.

See sheet 5 of 28 for Stage Construction.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Costs associated with the removal, cleaning, and reinstallation of the existing Name Plate shall be included in the cost of Concrete Superstructure.

Contact surfaces between existing and new Structural Steel shall be prepared as specified by the special provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

Cleaning and painting of existing Structural Steel not in contact with new Structural Steel shall be done under a separate contract.

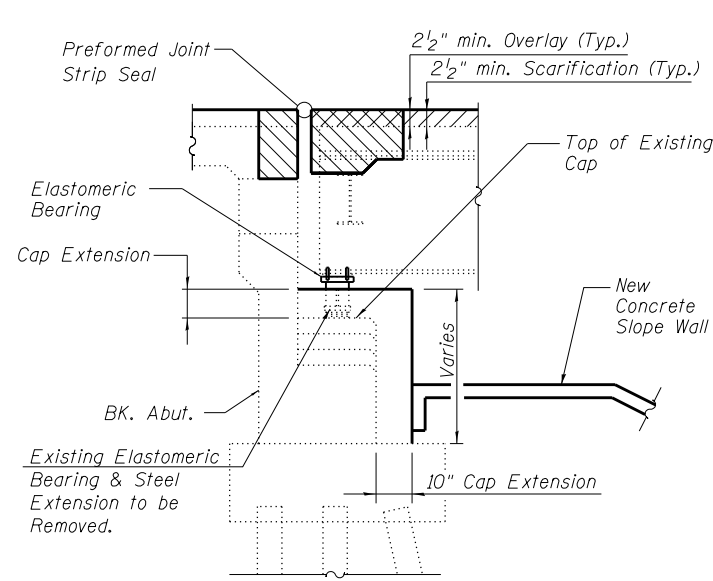
Shop drawings for bumpers and brackets shall be submitted and reviewed for approval according to Section 505.03 of the Standard Specifications.

Shop drawings for the Seismic Restrainers shall follow the guidelines as set fourth in the General Special Provision "Seismic Restrainers".

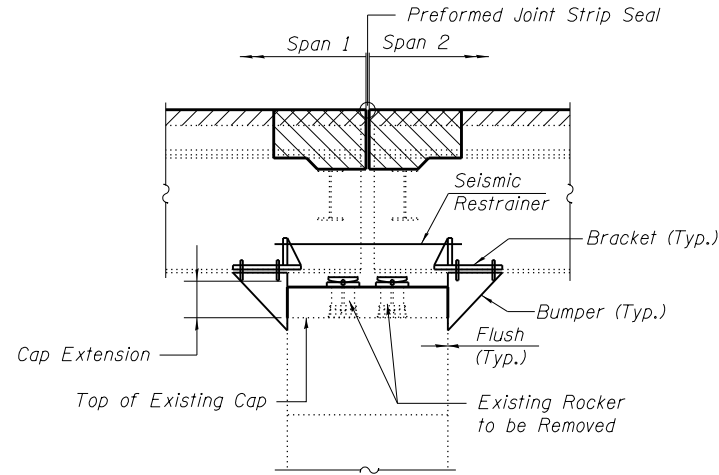
The Contractor shall remove the expansion joints and provide access to inspection of the pier and abutment cap extensions. New expansion joints shall not be formed until the cap extension work has been completed.

SCOPE OF WORK

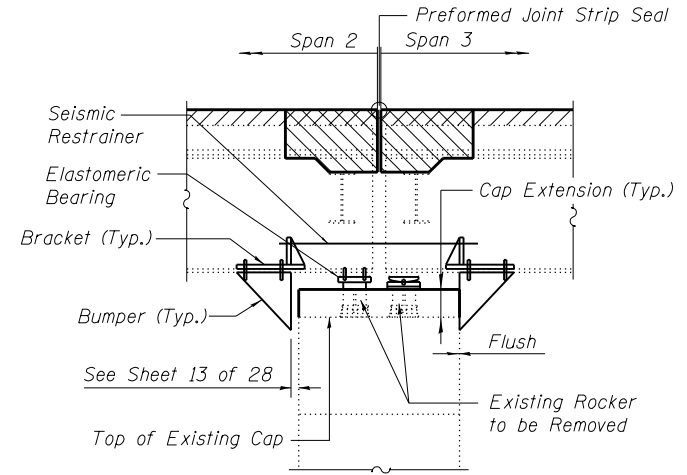
1. Install jacking and cribbing system to support bridge dead & live loads. Jacking and cribbing required at North & South Abutments & Pier 2 supporting span 2 only. (see sheet 16 of 28)
2. Remove the existing bearings and bearing extensions at each abutment.
3. Extend the abutment cap heights and seat widths, and perform concrete repair.
4. Install new elastomeric bearings at abutments.
5. Construct new elevated pier cap at Pier 1.
6. Remove the existing bearing supporting Span 2 at Pier 2.
7. Construct new elevated pier cap at Pier 2.
8. Install new elastomeric bearings for span 2 at Pier 2.
9. Install Bumper & Cable assemblies at all piers.
10. Complete Structural Repair of Concrete on the piers, Rubbed Finish & construct crashwalls.
11. Remove and replace the existing expansion joints.
12. Scarify Existing Deck 2 1/2".
13. Complete Deck Slab Repairs.
14. Apply a Bridge Deck Fly Ash or GGBF Slag Concrete overlay over entire deck.
15. Remove and Replace existing Slope Wall.



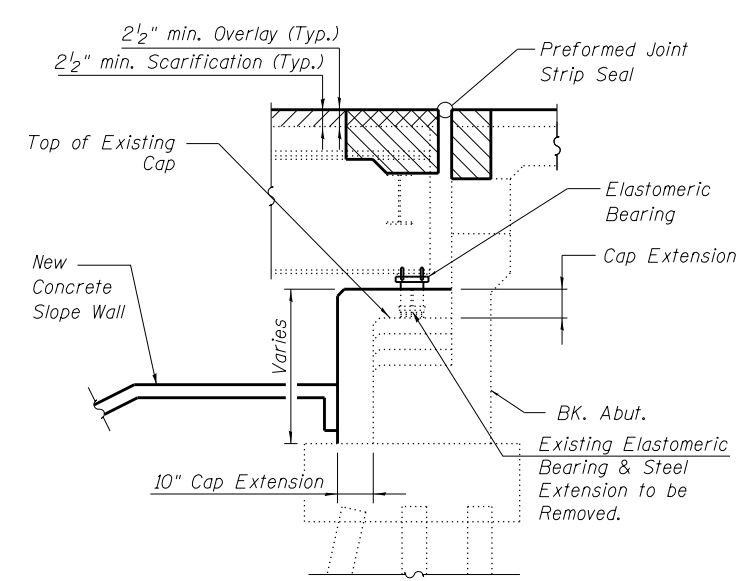
SECTION A-A



SECTION B-B

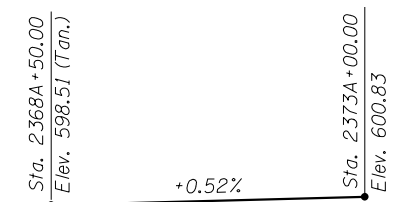


SECTION C-C

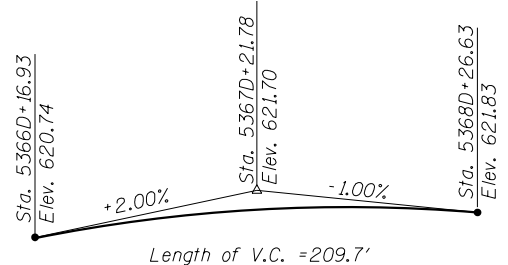


SECTION D-D

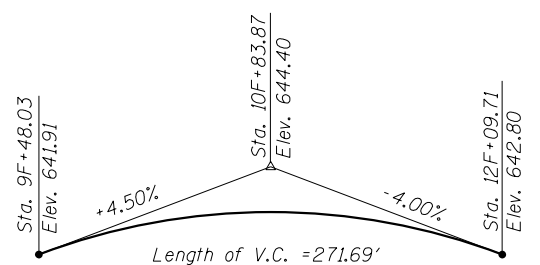
Indicates Removal and Replacement of Concrete, Removal of Existing Neoprene Expansion Joints and Preformed Joint Seals



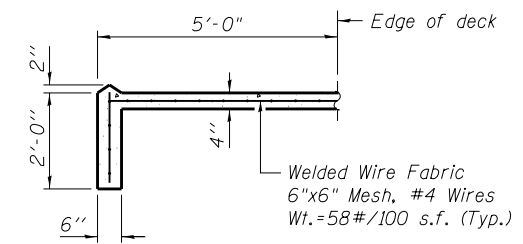
PROPOSED PROFILE GRADE
(F.A.I. Route 57 Line "A")



PROPOSED PROFILE GRADE
(F.A.I. Route 57 Line "D")



PROFILE GRADE
(F.A.I. Route 70 Line "F")



SECTION E-E

Note: For Roadway Intersection Plan see Roadway Plans.

HORIZONTAL CURVE DATA

(Existing)
P.I. Sta. 2370A+35.89 "Line" A
D = 1°0'00"
Δ = 27°0'00" (RT)
R = 5729.59'
T = 1375.55'
L = 2700.00'
E = 162.81'

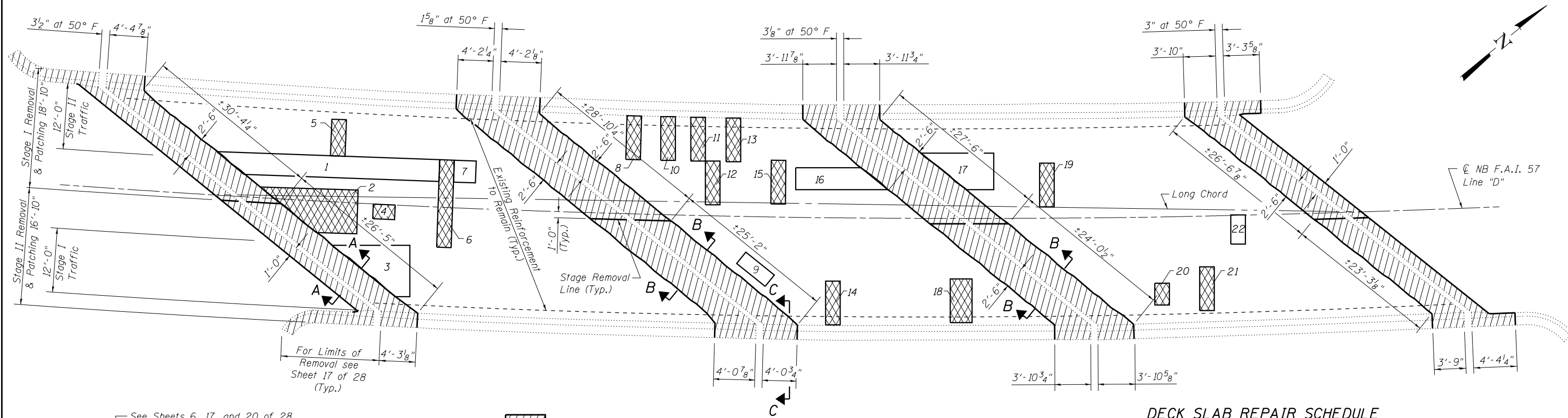
HORIZONTAL CURVE DATA

(Existing)
P.I. Sta. 5369D+55.95 "Line" D
D = 2°59'01"
Δ = 76°36'19" (LT)
R = 1920.30'
T = 1516.71'
L = 2567.47'
E = 526.73'

HORIZONTAL CURVE DATA

(Existing)
P.I. Sta. 15F+63.72 "Line" F
D = 8° 11' 35"
Δ = 85°16'42" (RT)
R = 699.33'
T = 643.95'
L = 1040.88'
E = 251.32'

FILE NAME = 0250002-74295-003.dgn BERNHARDT LOCHMÜLLER & ASSOCIATES, INC. 3 OAK DRIVE MARYVILLE, IL 62442 PHONE (618) 281-6666 FAX (618) 281-6666	USER NAME =	DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL INFORMATION STRUCTURE NO. 025-0002	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACS	REVISED -			57	(25-4HB)I-4	EFFINGHAM	1760	1680
PLOT DATE = 1:55:50 PM 8/15/2013	DRAWN - WJS	CHECKED - CJF & BB	REVISED -	SHEET NO. 3 OF 28 SHEETS		SN 025-0002		CONTRACT NO. 74295		
						FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



PLAN

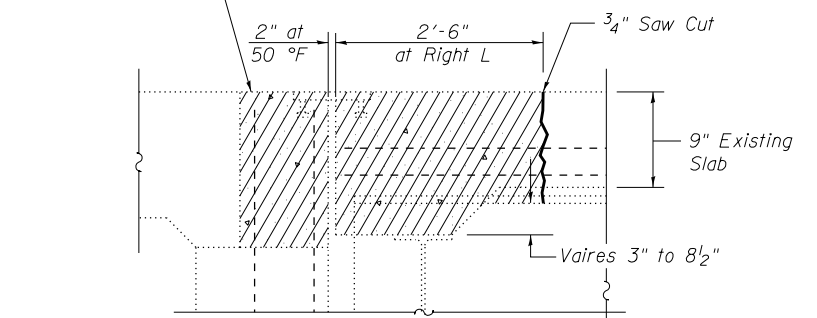
DECK SLAB REPAIR SCHEDULE

Patch No.	Size	Deck Slab Repair (Part. Depth)			
		Deck Slab Repair (Part. Depth)	Deck Slab Repair (FD TY I)	Deck Slab Repair (FD TY II)	
1	31.3 x 3.0	11.8			
2	10.0 x 6.0			6.7	
3	7.2 x 7.0	5.6			
4	3.0 x 2.0			0.7	
5	2.0 x 6.0			1.4	
6	2.0 x 12.0			2.7	
7	3.0 x 3.0	1.0			
8	2.0 x 6.0			1.3	
9	2.0 x 5.0	1.1			
10	2.0 x 6.0			1.3	
11	2.0 x 6.0			1.3	
12	2.0 x 6.0			1.3	
13	2.0 x 6.0			1.3	
14	2.0 x 6.0			1.3	
15	2.0 x 6.0			1.3	
16	11.7 x 3.0	3.9			
17	7.6 x 5.0	4.2			
18	3.0 x 6.0			2.0	
19	2.0 x 6.0			1.3	
20	2.0 x 3.0				1.7
21	2.0 x 6.0				1.3
22	2.0 x 4.0	0.9			
Total (Sq. Yd.)		27.1	0	26.8	0
Use (Sq. Yd.)		27	0	27	0

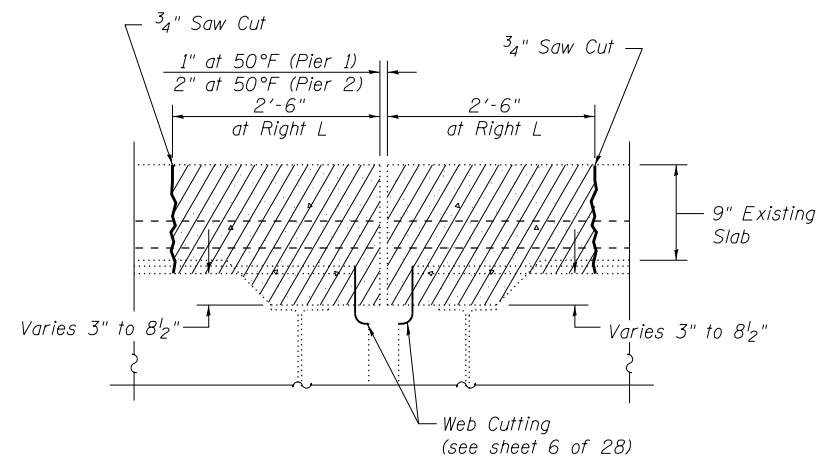
See Sheets 6, 17, and 20 of 28 for Abutment Blockout Removal

- Indicates Concrete Removal
- Indicates Deck Slab Repair (Full Depth, Type II)
- Indicates Deck Slab Repair (Partial Depth)

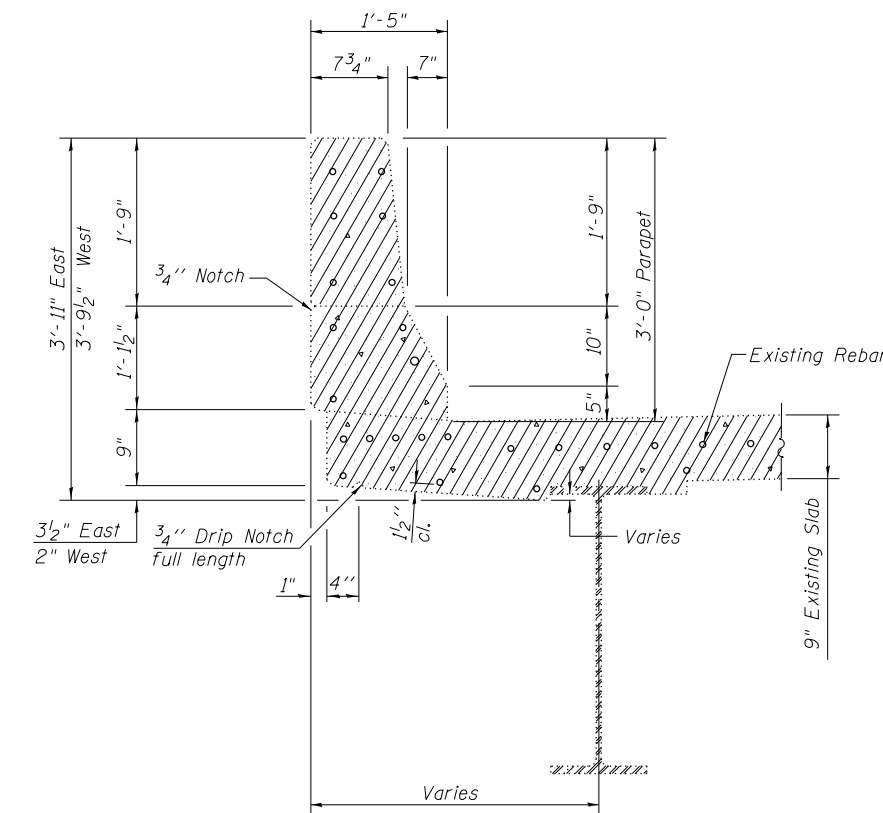
SECTION A-A



SECTION B-B



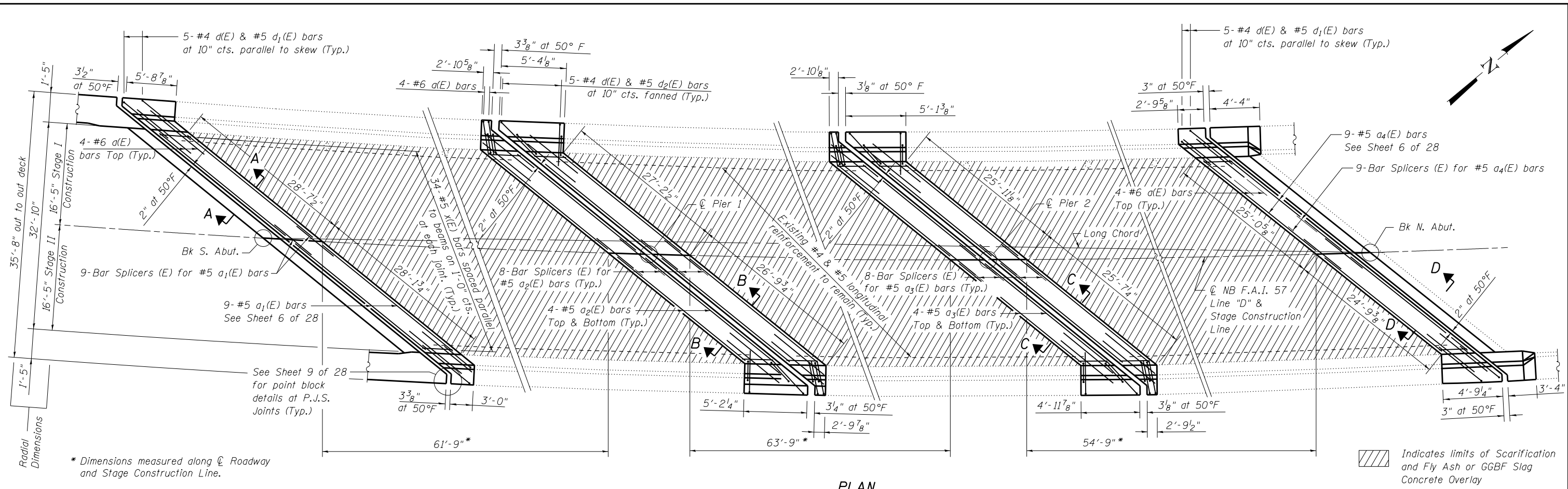
SECTION C-C
(at Right L)



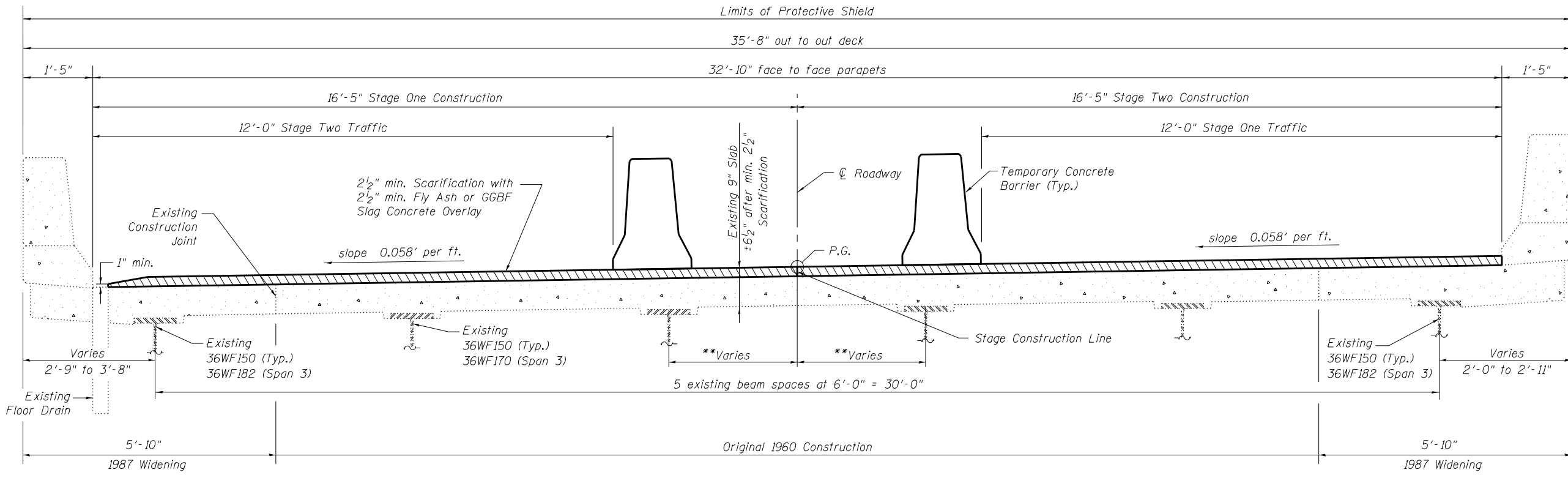
Notes:
 The Deck Slab repairs shall be completed prior to placement of overlay.
 The condition of the deck shall be inspected and surveyed for additional Deck Slab Repairs if the date of construction occurs after April 2014.
 The locations and sizes of the Deck Slab Repairs are approximate. Actual locations and sizes are to be determined in the field by the Engineer.
 The locations and sizes of the Deck Slab Repairs were determined by a visual survey completed on April 24, 2012.
 The Engineer shall record the location of the actual Deck Slab Repair on the As Built Plans.
 There is an estimated 27 sq. yd. of Partial Depth Deck Slab Repair required. Partial Depth repairs shall be included with Bridge Deck Scarification. See special provisions for Bridge Deck Fly Ash or GCBF Slag Concrete Overlay.
 Quantity of Deck Slab Repair (Partial Depth) for information only.
 Web cutting to facilitate P.J.S. placement is included with cost of Concrete Removal. See sheet 6 of 28.

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	38.9
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	27



PLAN

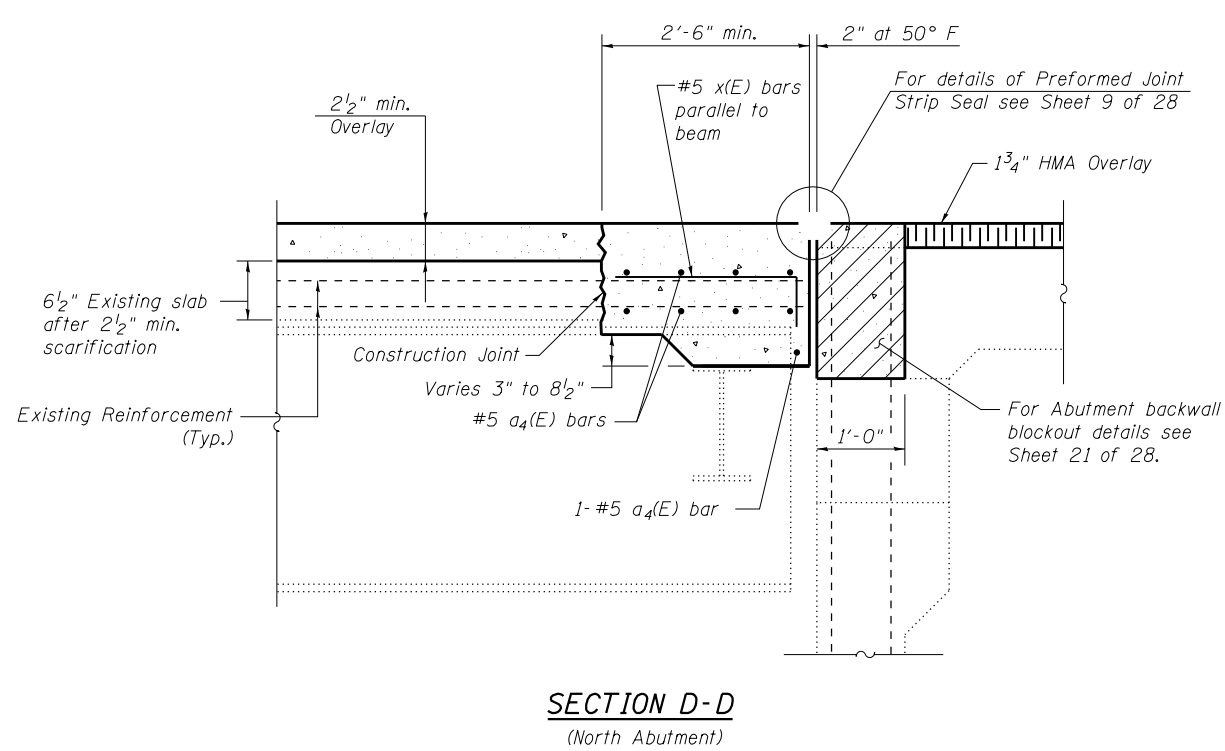
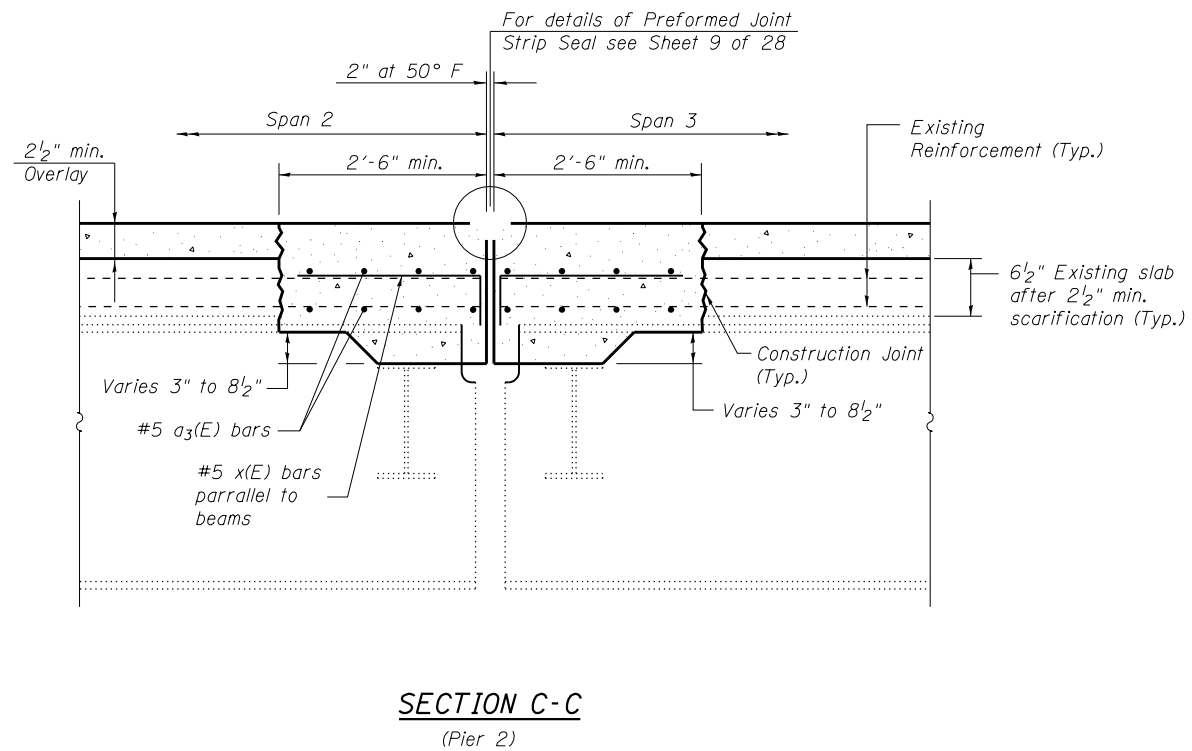
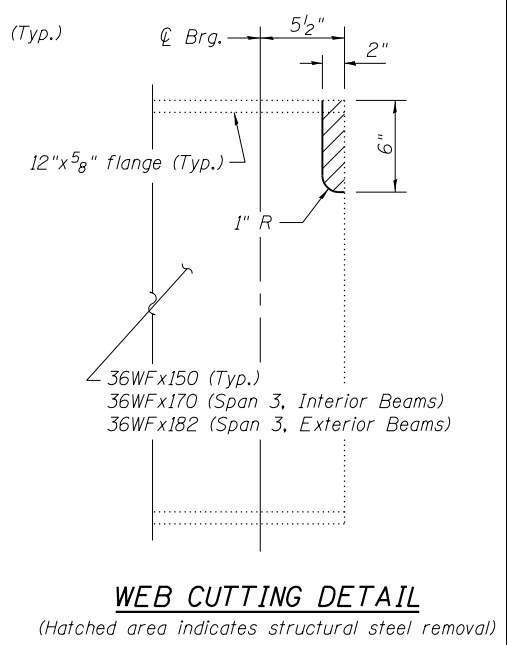
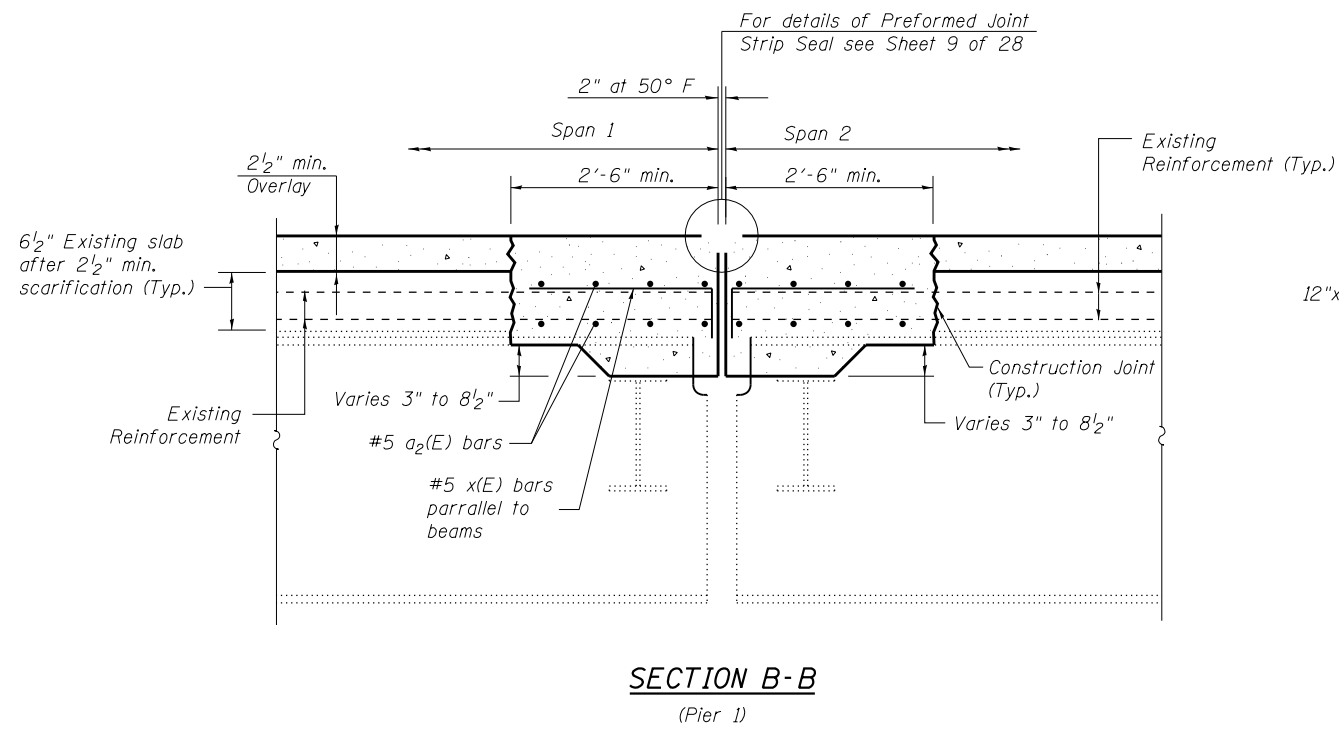
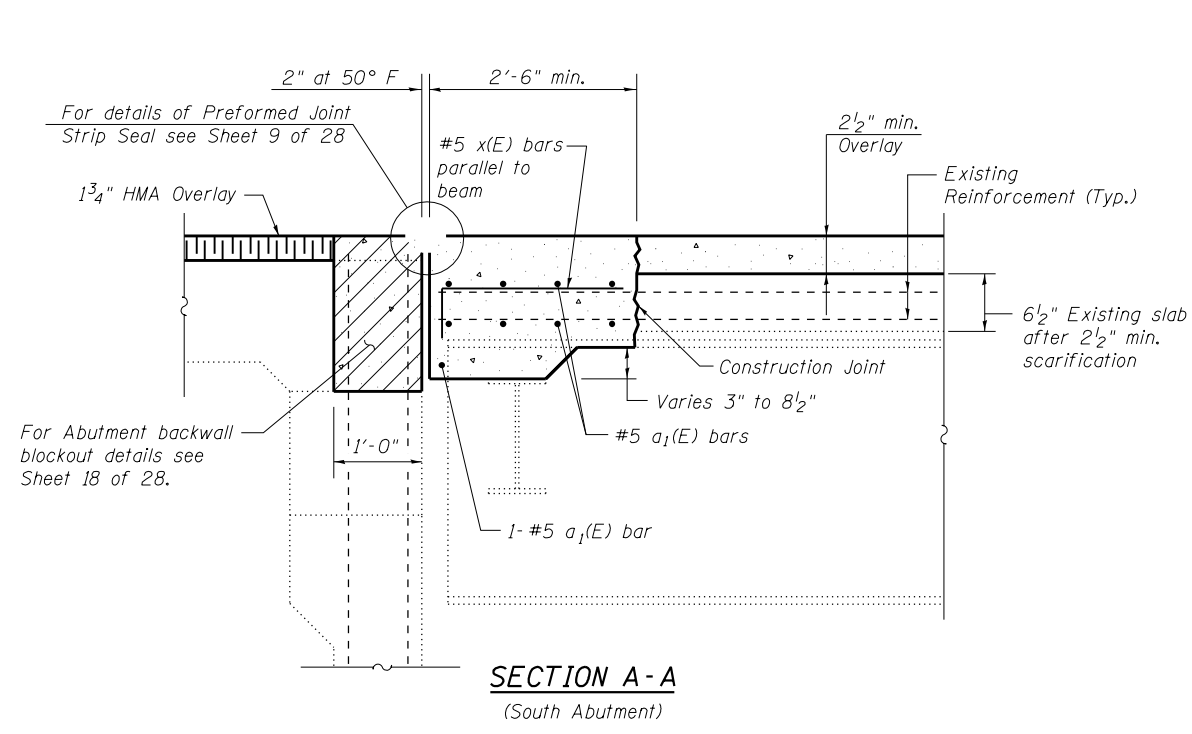


STAGE CONSTRUCTION
(Looking North)

All dimensions shown are radial
 **Beams in Span 2 are not parallel. Beams in Span 1 & 2 have cover plates.

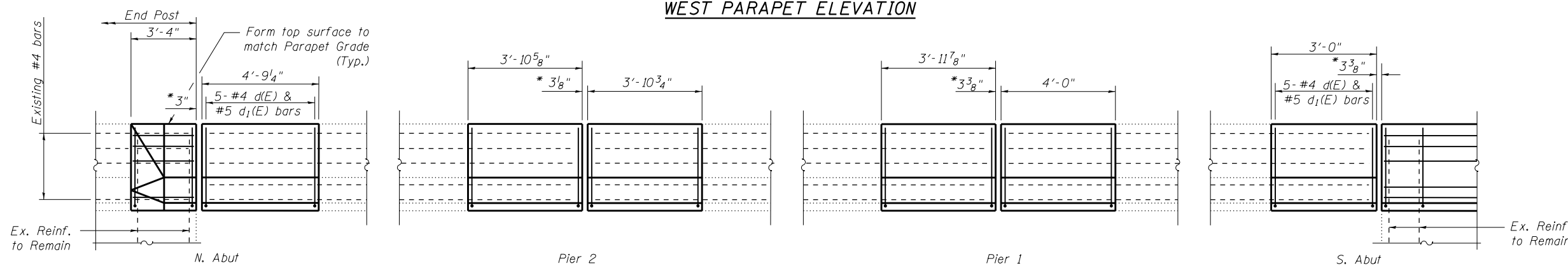
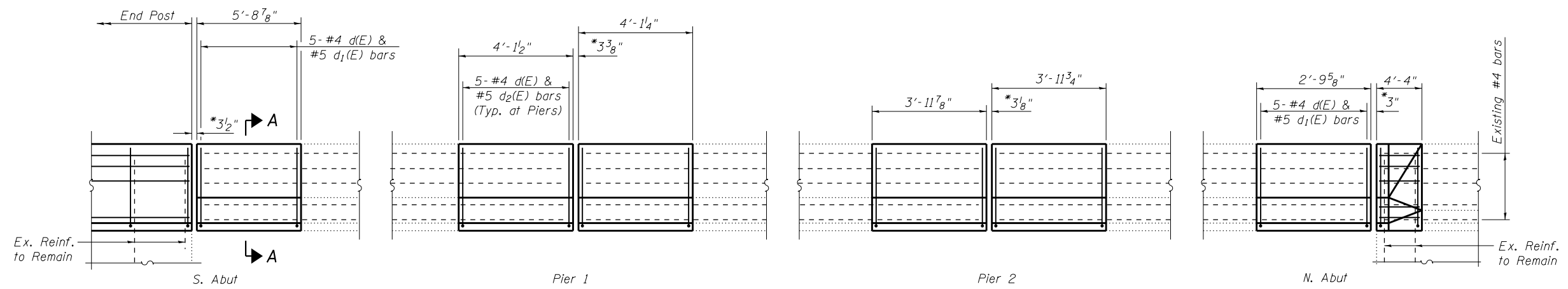
Notes:
 Dimensions at the Abutments and Piers are based on a Rolled Rail Strip Seal Joint. If the Contractor elects to use the Welded Rail Strip Seal Joint, deck dimensions may require adjustments to satisfy the details on Sheet 9 of 28. See Sheet 6 of 28 for Sections A-A, B-B, C-C and D-D. See Sheet 7 of 28 for Section thru parapet.

FILE NAME = 0250002-74295-005.dgn BERNHARDT LOCHMULLER & ASSOCIATES, INC. 3 OAK DRIVE MARYVILLE, IL 62442 PHONE (618) 281-4666 FAX (618) 281-4666	USER NAME = PLOT SCALE = PLOT DATE = 1:55:52 PM 8/15/2013	DESIGNED - BB CHECKED - ACS DRAWN - WJS CHECKED - CJF & BB	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE STRUCTURE NO. 025-0002 SHEET NO. 5 OF 28 SHEETS	F.A.I. RT. = 57 SECTION = (25-4HB)I-4 COUNTY = EFFINGHAM TOTAL SHEETS = 1760 SHEET NO. = 1682
						SN 025-0002 CONTRACT NO. 74295



Notes:
 Dimensions shown are at right angles to deck joints.
 Place x(E) bars parallel to beams.
 The cost of web cutting included in the cost of "Concrete Removal".

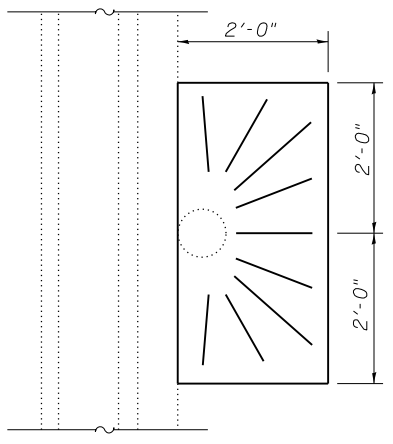
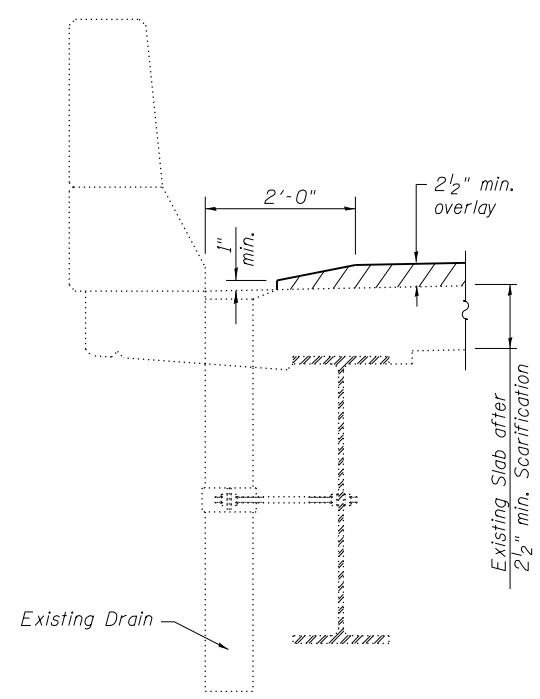
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	PLOT SCALE =	CHECKED - ACS	REVISED -			57	(25-4HB)1-4	EFFINGHAM	1760	1683
	PLOT DATE = 1:55:53 PM 8/15/2013	DRAWN - WJS	REVISED -			SN 025-0002		CONTRACT NO. 74295		
	CHECKED - CJF & BB	REVISED -	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT							



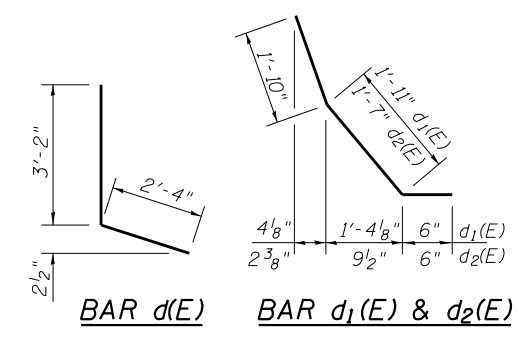
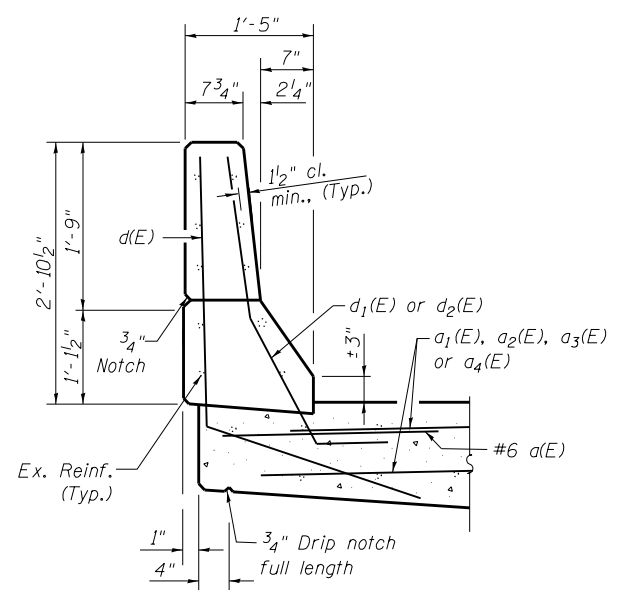
WEST PARAPET ELEVATION

EAST PARAPET ELEVATION

*Dimensions are along the back face of the parapet at 50° F.



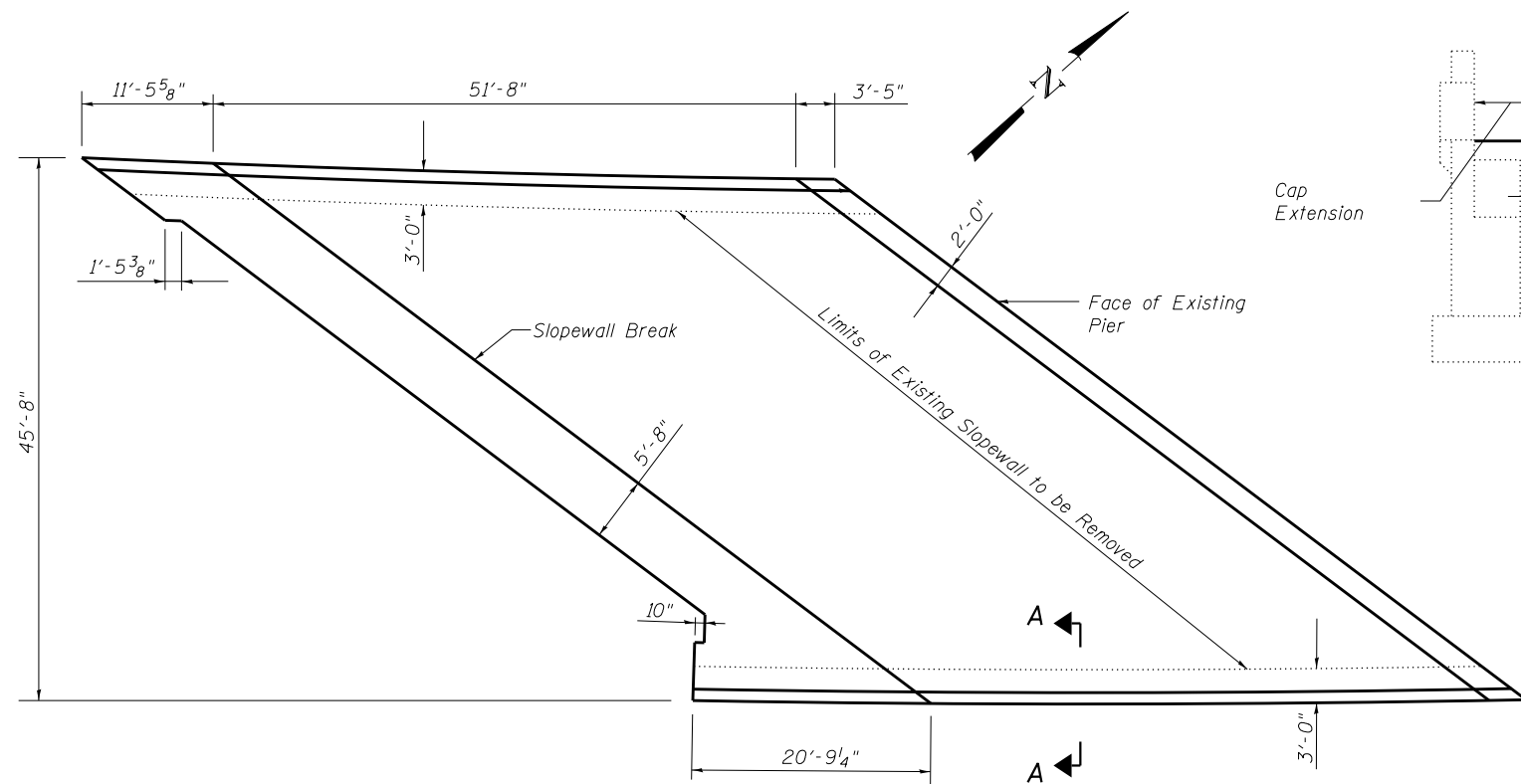
OVERLAY DETAIL FOR EXISTING DECK DRAINS THAT ARE TO REMAIN OPEN



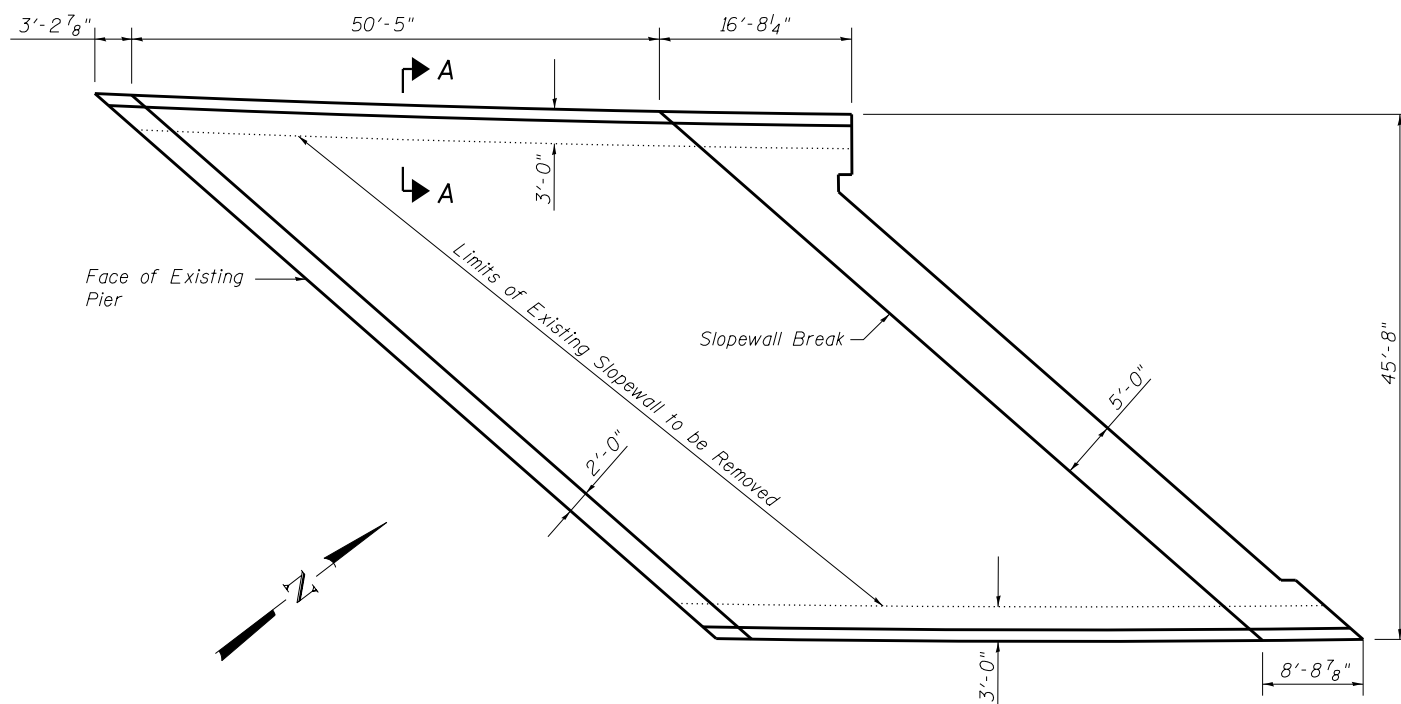
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	48	#6	6'-0"	—
a ₁ (E)	18	#5	27'-7"	—
a ₂ (E)	32	#5	26'-5"	—
a ₃ (E)	32	#5	25'-3"	—
a ₄ (E)	18	#5	24'-3"	—
d(E)	60	#4	5'-6"	L
d ₁ (E)	20	#5	4'-3"	L
d ₂ (E)	40	#5	3'-11"	L
x(E)	204	#5	3'-5"	—
Concrete Superstructure			Cu. Yd.	38.3
Reinforcement Bars, Epoxy Coated			Pound	4330
Bar Splicers			Each	50
Concrete Bridge Deck Scarification, 2 ¹ / ₂ "			Sq. Yd.	658
Bridge Deck Fly Ash or GGBF Concrete Overlay, 2 ¹ / ₂ "			Sq. Yd.	658

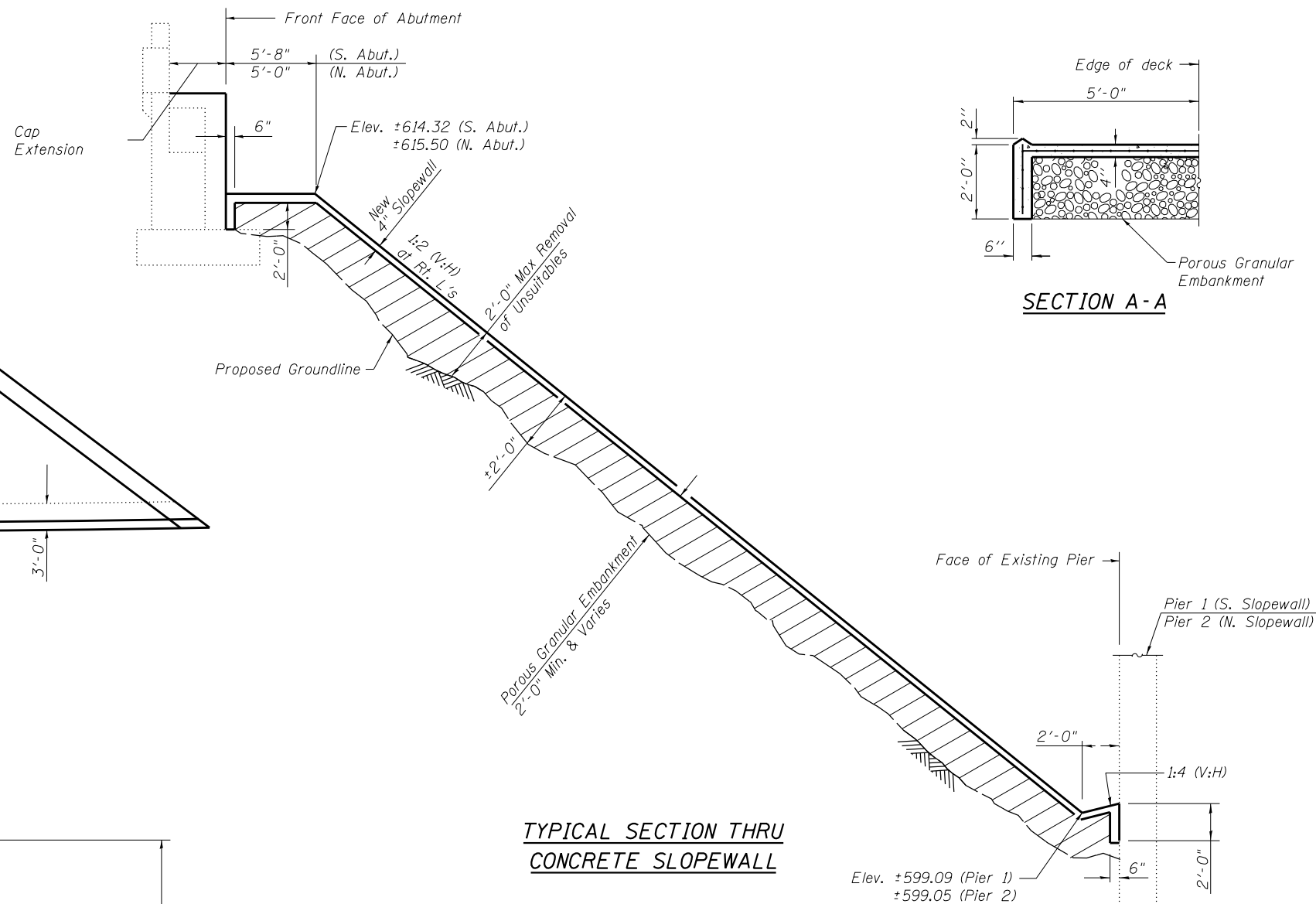
Note:
See sheets 19 and 22 of 28 for End Post Details and Quantities.
See sheet 21 of 28 for Plan View of North Abutment Parapets for additional details.
Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.



SOUTH SLOPE WALL PLAN
(Showing Dimensions Along Slope Wall)



NORTH SLOPE WALL PLAN
(Showing Dimensions Along Slope Wall)



TYPICAL SECTION THRU CONCRETE SLOPE WALL

Indicates Removal of Unsuitable Materials and replacement with Porous Granular Embankment.

Notes:

Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.

Prior to the placement of Porous Granular Embankment, the existing ground line shall be removed at least 2'-0" below the existing slope wall. The removal of the existing embankment shall be paid for as Removal & Disposal of Unsuitable Material.

Portions of the existing slope walls have voids in excess of 2'-0" in depth. In cases where the existing ground line has been voided under the existing slope wall in excess of 2'-0", the embankment shall be reconstructed with Porous Granular Embankment. No Removal & Disposal of Unsuitable Material will be required, only where voids in excess of 2'-0" exist.

See sheets 19 and 22 of 28 for slope wall end treatment at abutments.

BILL OF MATERIAL TWO SLOPE WALLS

Item	Unit	Total
Removal & Disposal of Unsuitable Material	Cu. Yd.	434
Porous Granular Embankment	Cu. Yd.	434
Slope wall 4"	Sq. Yd.	650.6
Slope wall Removal	Sq. Yd.	571

FILE NAME = 0250002-74295-008.dgn

USER NAME =

DESIGNED - BB

REVISED -

CHECKED - ACS

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PLOT SCALE =

DRAWN - WJS

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PLOT DATE = 1:55:55 PM 8/15/2013

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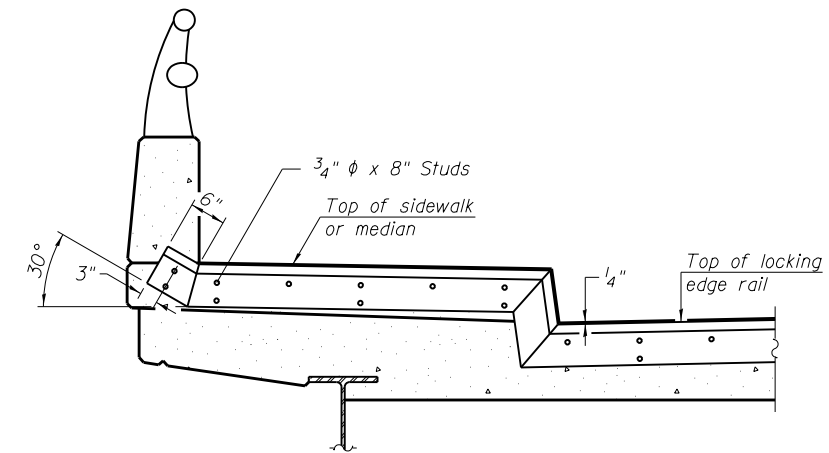
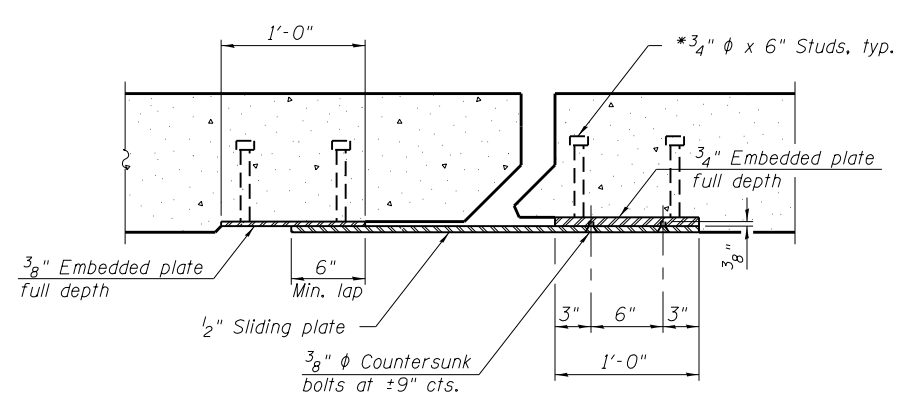
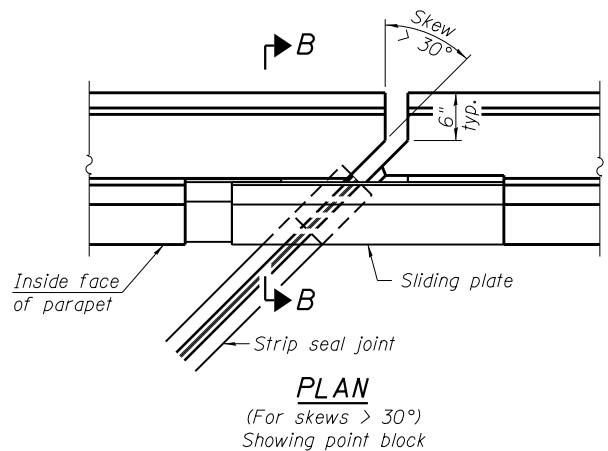
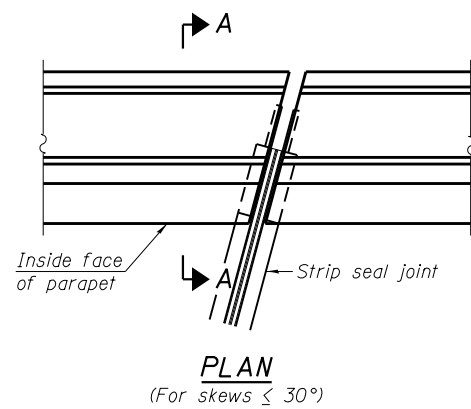
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SLOPE WALL DETAILS
STRUCTURE NO. 025-0002**

SHEET NO. 8 OF 28 SHEETS

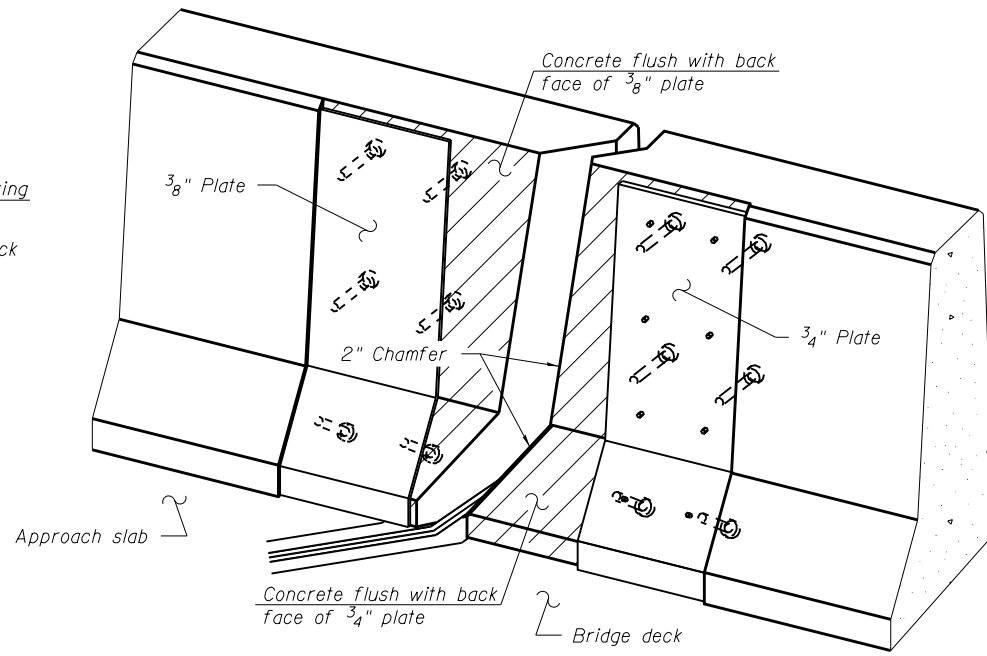
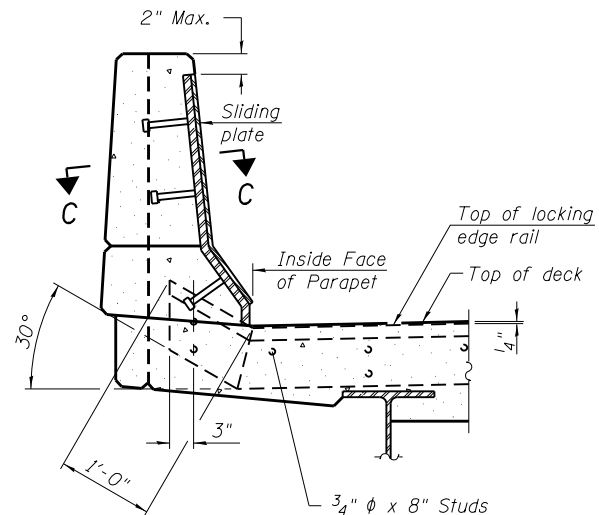
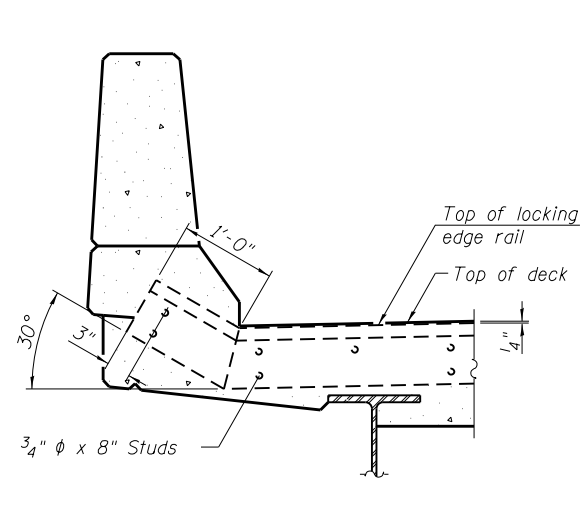
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(25-4HB)I-4	EFFINGHAM	1760	1685
SN 025-0002		CONTRACT NO. 74295		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				





TYPICAL END TREATMENT AT SIDEWALK OR MEDIAN

Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.



Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

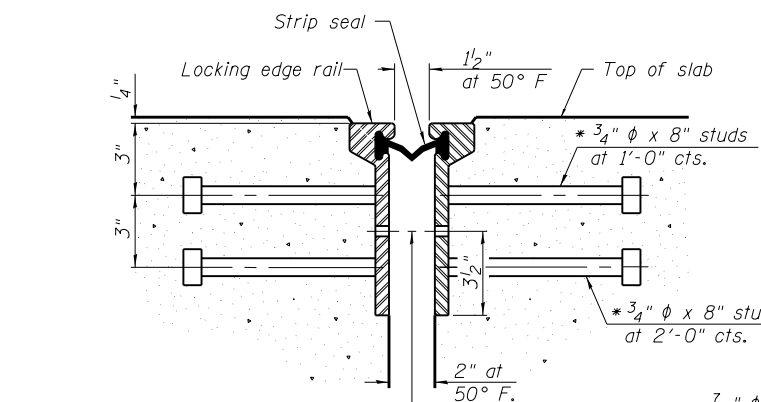
The Locking Edge Rails depicted are conceptual only, except for the minimum dimensions shown. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities.

The manufacturer's recommended installation methods shall be followed.

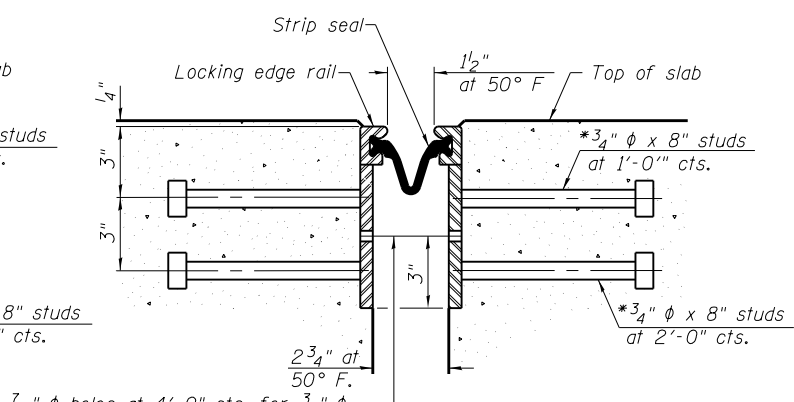
The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications. Maximum space between rail segments shall be 3/16", sealed with a suitable sealant. Joints in rails within 10 ft. of curbs shall be welded.

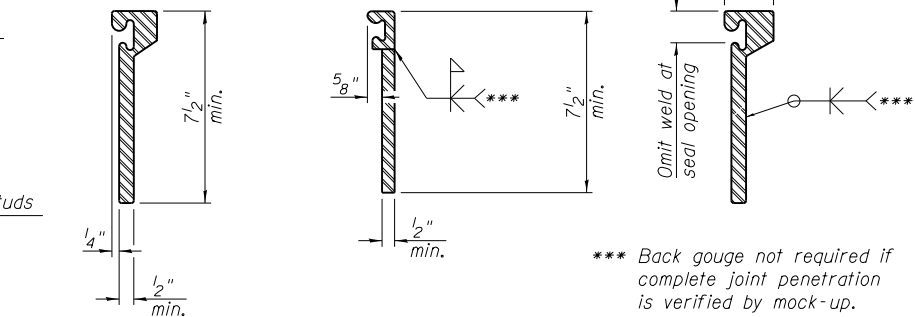
Parapet plates and anchorage studs for skews $> 30^\circ$ included in the cost of Preformed Joint Strip Seal.



7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



7/16" ϕ holes at 4'-0" cts. for 3/8" ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



*** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

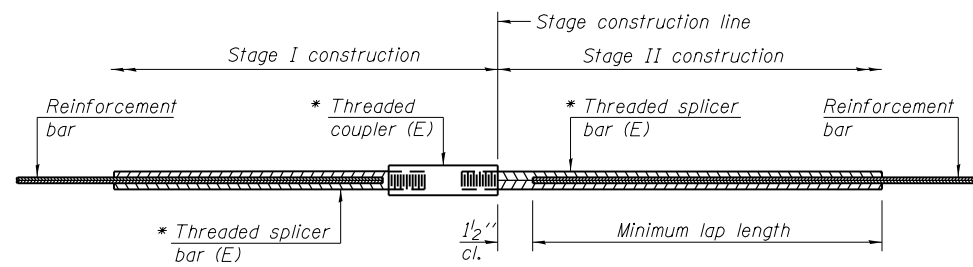
LOCKING EDGE RAILS

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	221

EJ-SSJ 1-27-12

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



STANDARD BAR SPLICER ASSEMBLY

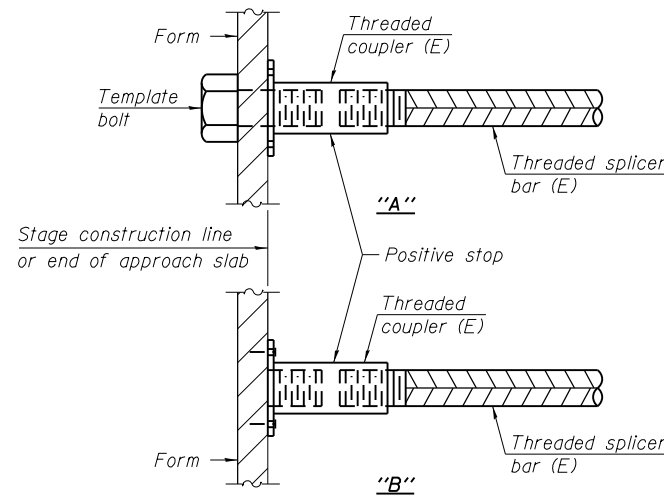
Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

- Table 1: Black bar, 0.8 Class C
- Table 2: Black bar, Top bar lap, 0.8 Class C
- Table 3: Epoxy bar, 0.8 Class C
- Table 4: Epoxy bar, Top bar lap, 0.8 Class C
- Table 5: Epoxy bar, Class C
- Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

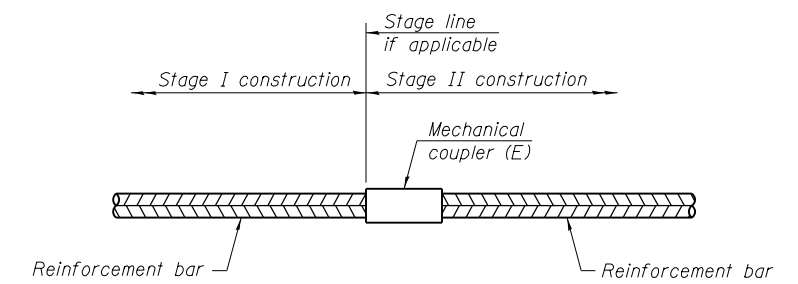
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Superstructure	#5	50	3
Abutment Blockouts	#6	8	3
Abutment Caps	#5	10	3



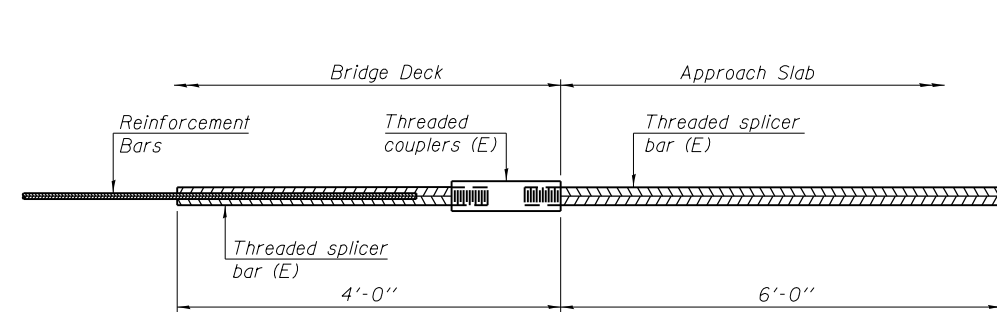
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



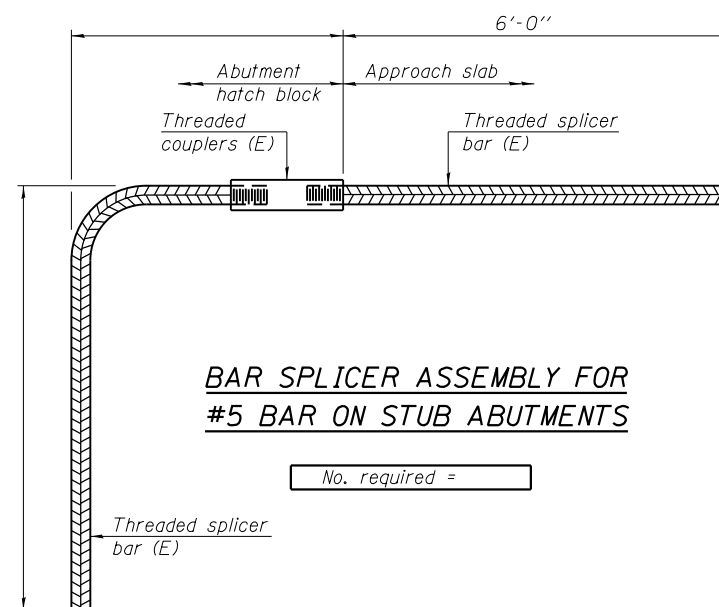
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =

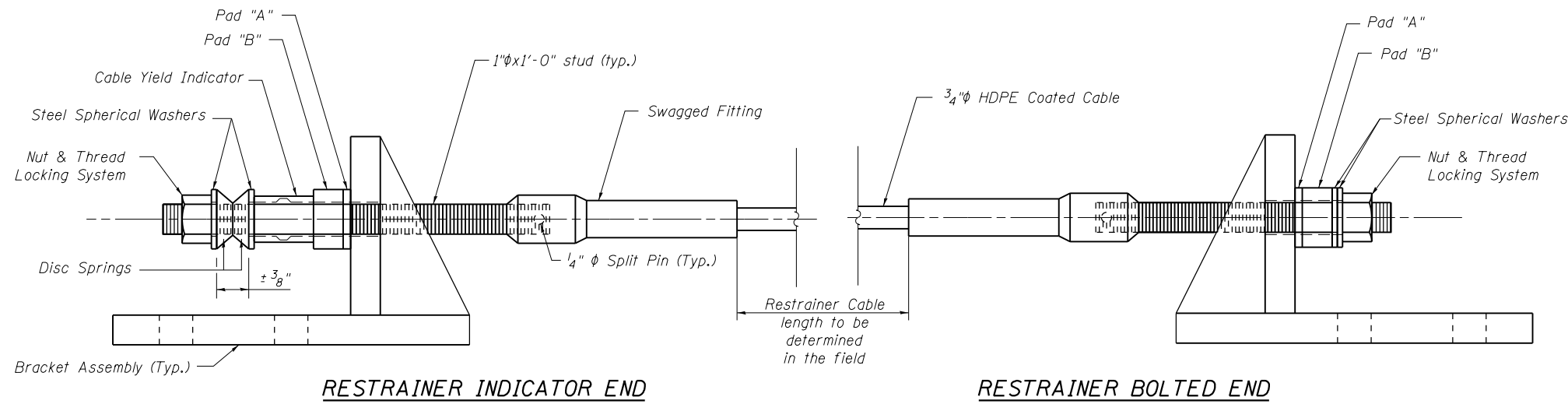


BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

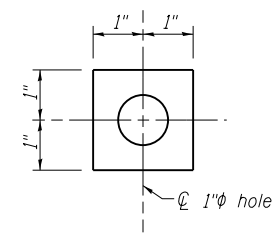
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

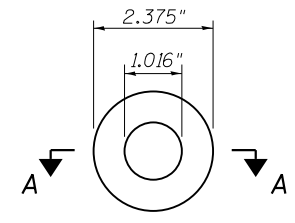


- CABLE RESTRAINER UNIT INSTALLATION PROCEDURE**
1. Align cable assembly angles with bumper assembly. For Bumper placement see Sheets 13 and 14 of 28.
 2. Install Cable Yield Indicator, Spherical Washers, Disc Springs, Washers and Nut on the indicator end of Seismic Restrainers.
 3. Place Spherical Washers and Nut on bolted end of restrainers. Place Thread Locking System on bolted end stud prior to installing nut and washers, and prior to setting the cable.
 4. Tighten nut on the cable at the indicator end of restrainer. The cable should be approximately straight with no sag.
 5. Place Thread Locking System on indicator end stud after tightening the cable but before backing off the nut. Back off the nut at restrainer indicator end a distance equal to maximum additional amount that the joint is expected to open, relative to existing ambient conditions. See Expansion Table on Sheet 13 of 28.
 6. If the cable needs to be secured from turning while tightening, use double nut locking technique on the stud to protect the threads.
 7. For Thread Locking System, see Special Provision for Seismic Restrainers.

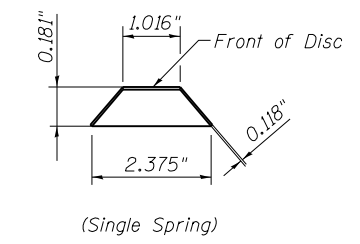
CABLE & BRACKET ASSEMBLY ELEVATION



PAD DETAIL
 Pad "A" = 2"x2"x1/4" Plain Elastomeric Bearing Pad (50 Durometer)
 Pad "B" = 2"x2"x1" Washer

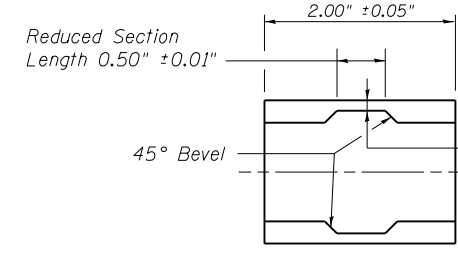


PLAN

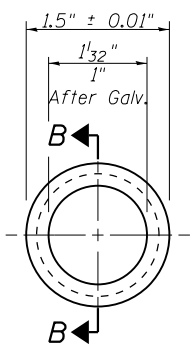


SECTION A-A

DISC SPRING



SECTION B-B

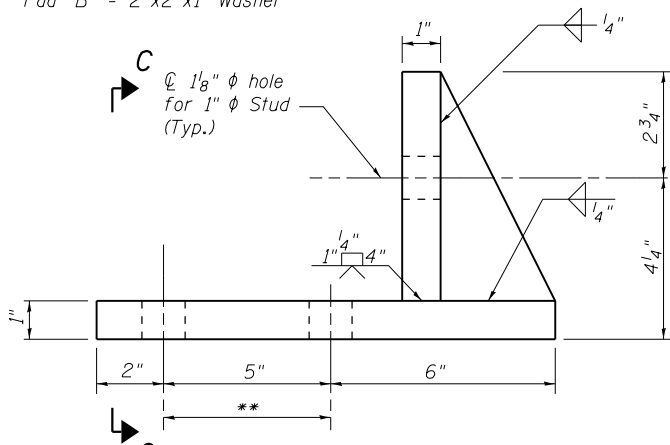


END VIEW

CABLE YIELD INDICATOR

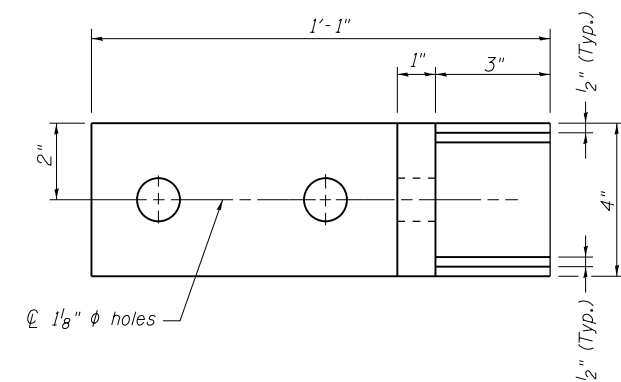
(All dimensions are before galvanizing except as noted)

Notes:
 Bracket Assembly shall be paid for as Furnishing and Erecting Structural Steel.
 HPPE Coated Cable swag fitting, incidentals and Yield Indicators shall be paid for as Seismic Restrainer.



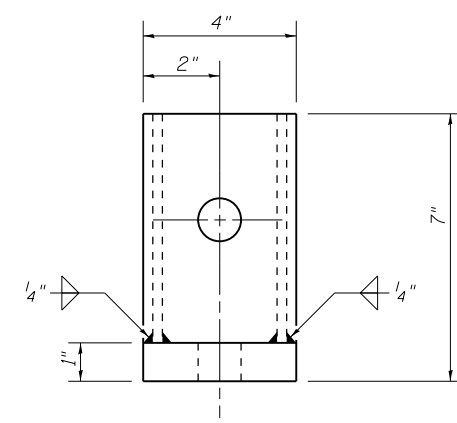
ELEVATION

** 1/8 inch diameter hole for 1 inch diameter x 4 1/2 inch long A325 bolts with 1-1/16 inch washer

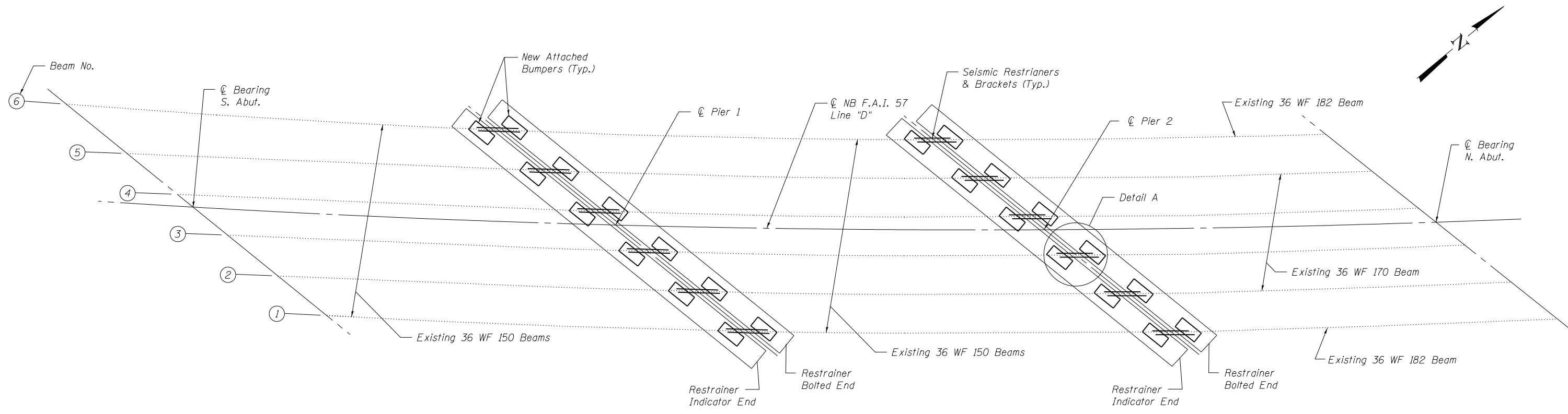


PLAN

BRACKET ASSEMBLY

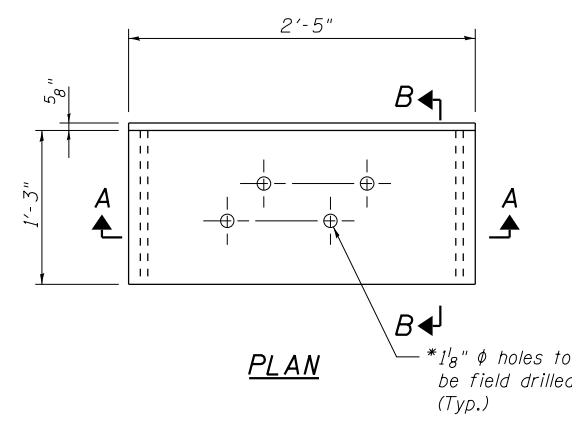


SECTION C-C

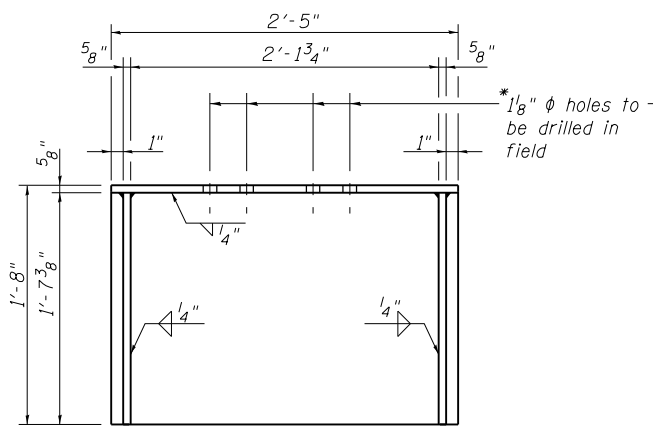


FRAMING PLAN

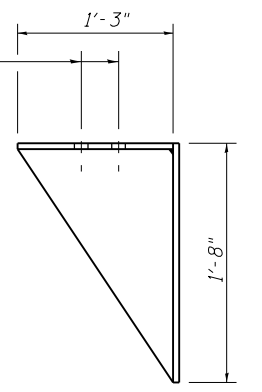
Notes:
 See Sheet 13 and 14 of 28 for additional Details, Notes and Bill of Materials.
 * Existing beam flanges and bumpers shall be field drilled. The holes shall be subdrilled to 1" diameter and reamed to 1/8" diameter for 1" diameter bolts.



PLAN

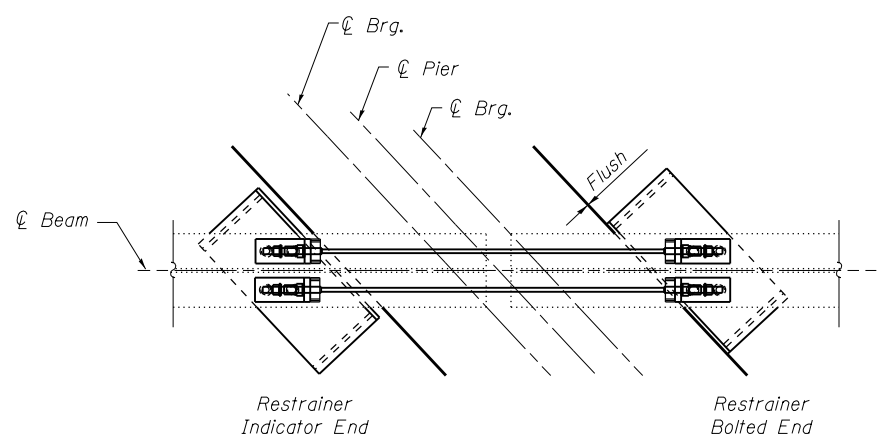


SECTION A-A



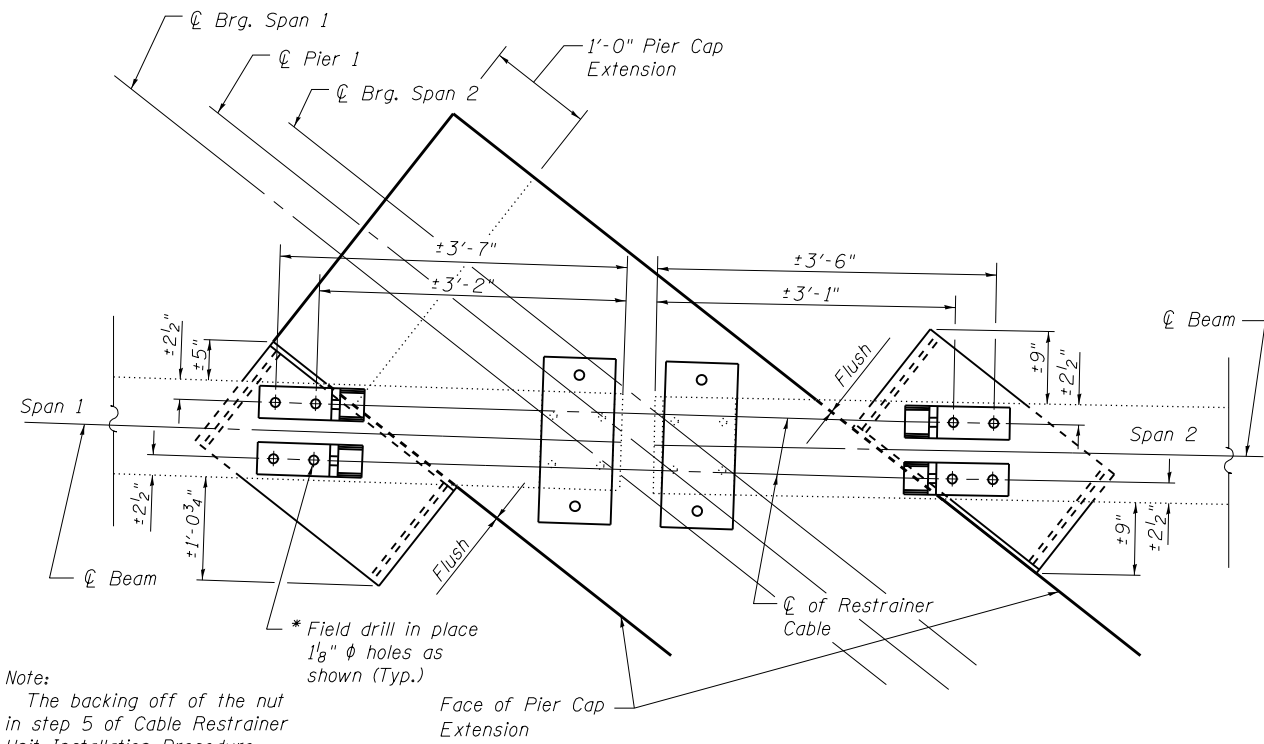
SECTION B-B

BUMPER DETAILS
(24 Required)



DETAIL A
GENERAL PLAN SHOWING
RESTRAINER, BRACKETS &
BUMPERS

FILE NAME = 0250002-74295-012.dgn  BERNAZEN LOCHMULLER & ASSOCIATES, INC. 3 OAK DRIVE MARYVILLE, IL 62442 PHONE (618) 281-4666 FAX (618) 281-4666	USER NAME =	DESIGNED - BB CHECKED - ACS	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUMPER DETAILS STRUCTURE NO. 025-0002	F.A.I. R.T.E. = 57	SECTION = (25-4HB)I-4	COUNTY = EFFINGHAM	TOTAL SHEETS = 1760	SHEET NO. = 1689
	PLOT SCALE =	DRAWN - WJS CHECKED - CFJ & BB	REVISED - REVISED -			SN 025-0002	CONTRACT NO. 74295			
PLOT DATE = 1:55:59 PM 8/15/2013					SHEET NO. 12 OF 28 SHEETS		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			

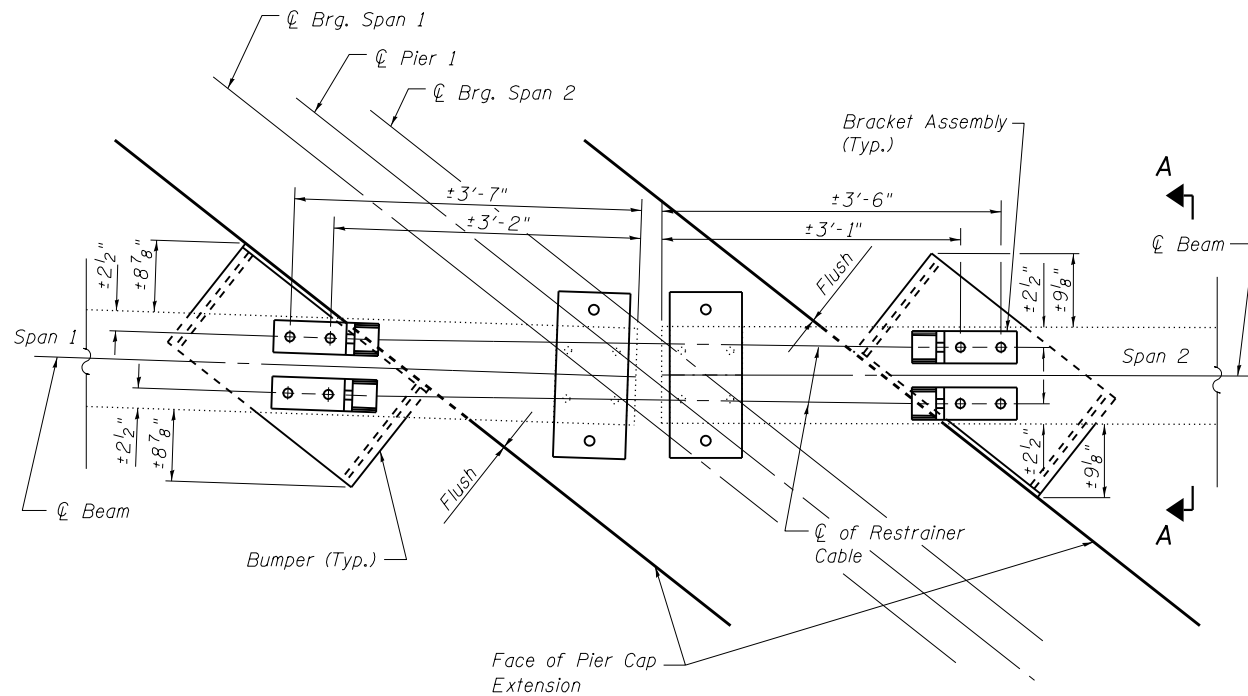


Note:
The backing off of the nut in step 5 of Cable Restrainer Unit Installation Procedure on sheet 11 of 28 should be omitted at Pier 1.
The disc springs should be fully compressed during installation at Pier 1, Span 1. See sheet 23 of 28 for Pier 1 Cap Extension Details.

**RESTRAINER
INDICATOR END**

**RESTRAINER
BOLTED END**

PIER 1 PLAN
(Beam 6)
(1 Required)

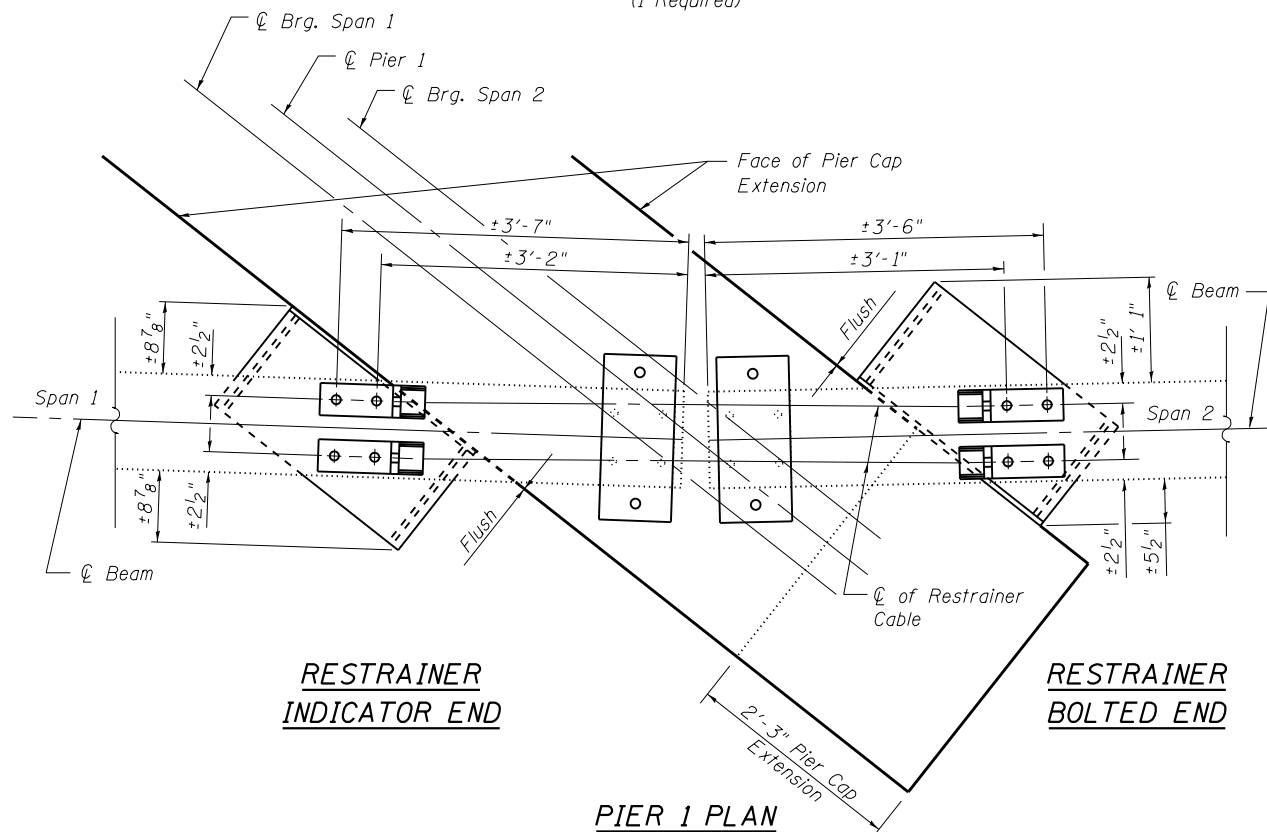


**RESTRAINER
INDICATOR END**

**RESTRAINER
BOLTED END**

PIER 1 PLAN
(Beams 2-5)
(4 Required)

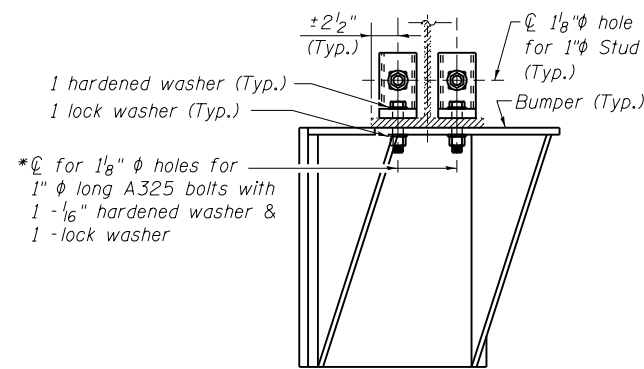
* Existing beam flanges and bumpers shall be field drilled. The holes shall be subdrilled to 1" diameter and reamed to 1 1/8" diameter.



**RESTRAINER
INDICATOR END**

**RESTRAINER
BOLTED END**

PIER 1 PLAN
(Beam 1)
(1 Required)



* ϕ for 1 1/8" ϕ holes for 1" ϕ long A325 bolts with 1 - 1/16" hardened washer & 1 - lock washer

SECTION A-A
Bumper shown on skew

Ambient Temperature	Gap
T < 50°F	3/4" - Δ Temp
T = 50°F	3/4"
T > 50°F	3/4" + Δ Temp

Δ Temp = 1/32" for every $\pm 10^\circ\text{F}$ (Typ.)

EXPANSION TABLE

Notes:
For General Elevation Views of Seismic Restrainers, see Sections B-B and C-C on Sheet 3 of 28.
Seismic Restrainer shall be placed on each beam line.
One hardened washer and one lock washer are required for each set of oversized holes.
Bumpers shall be paid for as Furnishing and Erecting Structural Steel.

BILL OF MATERIAL

Item	Unit	Total
Furnishing & Erecting Structural Steel	Pound	6930
Seismic Restrainer	Each	12

FILE NAME = 0250002-74295-013.dgn



USER NAME =
PLOT SCALE =
PLOT DATE = 1:56:00 PM 8/15/2013

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CHECKED - CJF & BB

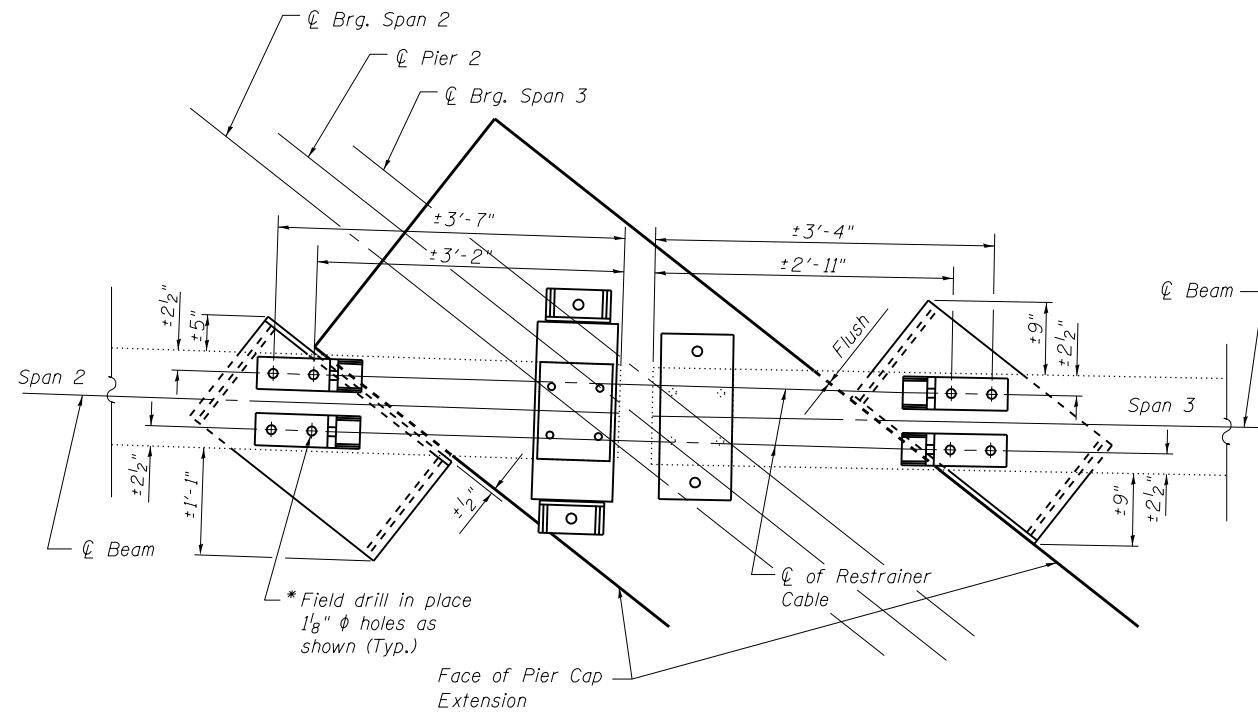
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUMPER DETAILS PIER 1
STRUCTURE NO. 025-0002**

SHEET NO. 13 OF 28 SHEETS

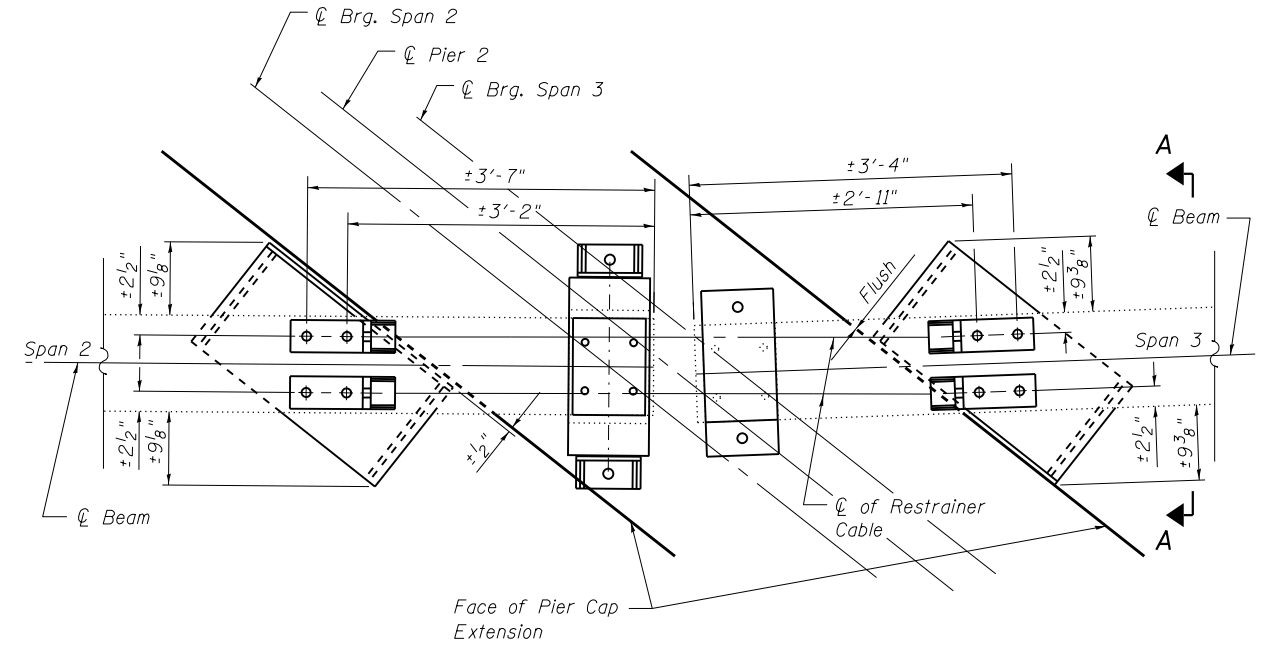
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(25-4HB)I-4	EFFINGHAM	1760	1690
SN 025-0002		CONTRACT NO. 74295		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



**RESTRAINER
INDICATOR END**

**RESTRAINER
BOLTED END**

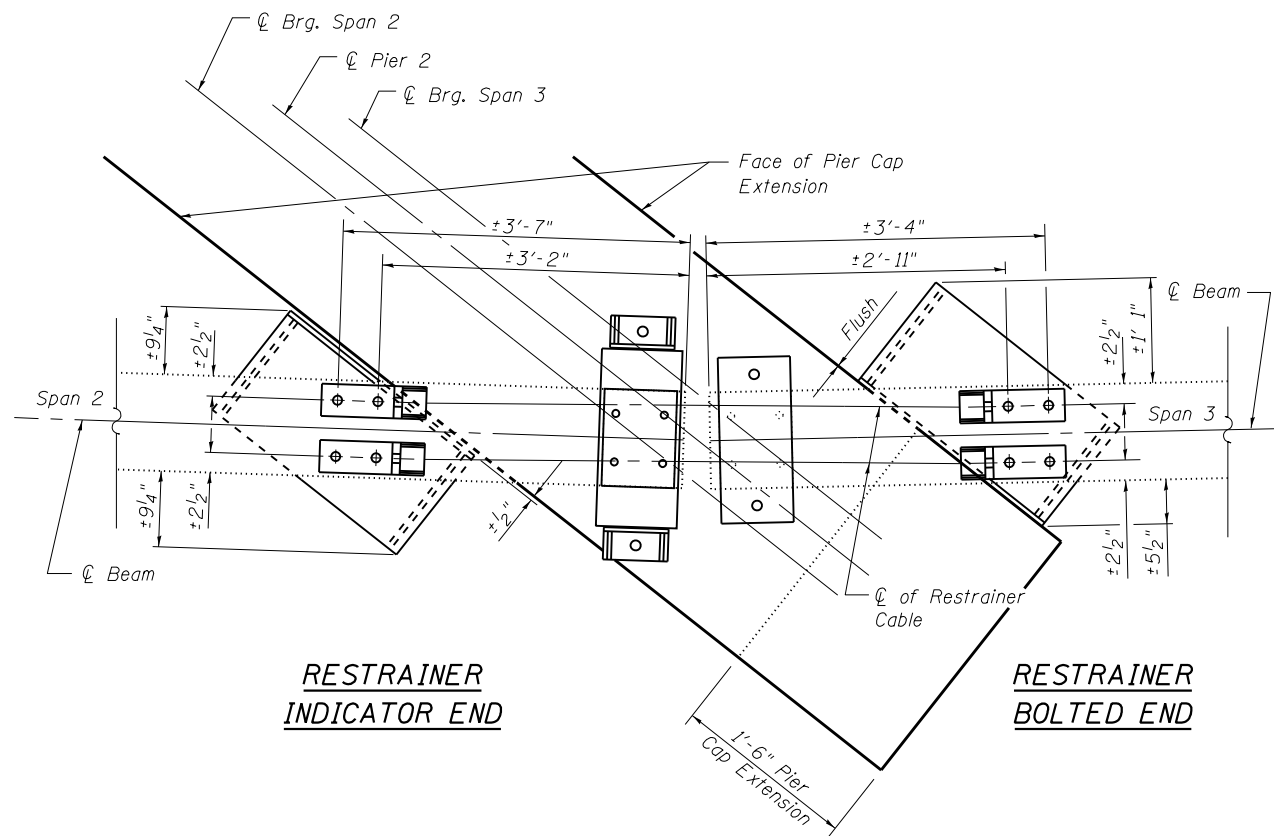
PIER 2 PLAN
(Beam 6)
(1 Required)



**RESTRAINER
INDICATOR END**

**RESTRAINER
BOLTED END**

PIER 2 PLAN
(Beams 2-5)
(4 Required)



**RESTRAINER
INDICATOR END**

**RESTRAINER
BOLTED END**

PIER 2 PLAN
(Beam 1)
(1 Required)

Notes:
For General Elevation Views of Seismic Restrainers, see Sections B-B and C-C on Sheet 3 of 28.
Seismic Restrainer shall be placed on each beam line.
One hardened washer and one lock washer are required for each set of oversized holes.
Bumpers shall be paid for as Furnishing and Erecting Structural Steel.
See sheet 13 of 28 for Section A-A.
See sheet 26 of 28 for Pier 2 Cap Extension Details.

FILE NAME = 0250002-74295-014.dgn  BERNARZEN LOCHMULLER & ASSOCIATES, INC. 3 OAK DRIVE MARYVILLE, ILLINOIS 62442 PHONE (618) 281-4666 FAX (618) 288-4666	USER NAME =	DESIGNED - BB CHECKED - ACS	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUMPER DETAILS PIER 2 STRUCTURE NO. 025-0002	F.A.I. RTE. = 57	SECTION = (25-4HB)I-4	COUNTY = EFFINGHAM	TOTAL SHEETS = 1760	SHEET NO. = 1691
	PLOT SCALE =	DRAWN - WJS CHECKED - CJF & BB	PLOT DATE = 1:56:01 PM 8/15/2013			SHEET NO. 14 OF 28 SHEETS	SN 025-0002	CONTRACT NO. 74295	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

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FILE NAME = 0250002-74295-015.dgn



BERNHEIM LOCHMULLER & ASSOCIATES, INC.
3 OAK DRIVE
MARYVILLE, ILLINOIS 62442
PHONE (618) 284-6666
FAX (618) 284-6666

USER NAME =

PLOT SCALE =

PLOT DATE = 1:56:02 PM 8/15/2013

DESIGNED - BB

CHECKED - ACS

DRAWN - WJS

CHECKED - CJF & BB

REVISED -

REVISED -

REVISED -

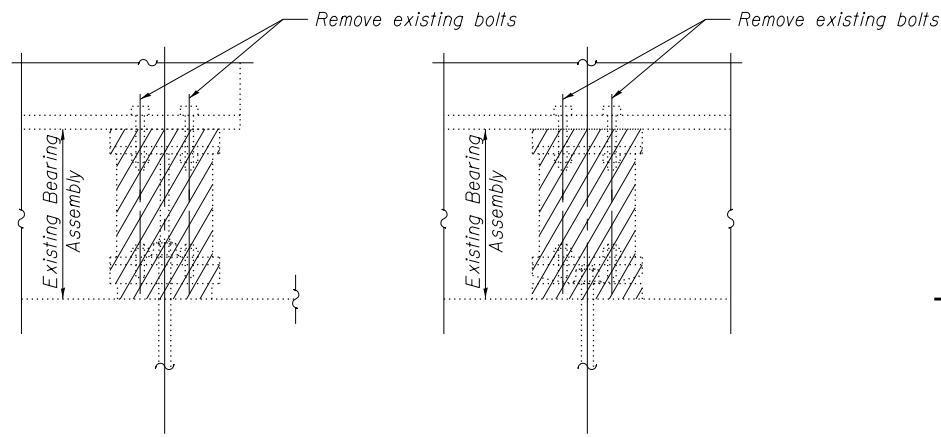
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTENTIONALLY BLANK
STRUCTURE NO. 025-0002**

SHEET NO. 15 OF 28 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(25-4B)I-4	EFFINGHAM	1760	1692
SN 025-0002		CONTRACT NO. 74295		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



AT ABUTMENT

AT PIER

EXISTING BEARING REMOVAL DETAIL

(36 Required)
(6 at each Abutment & 12 at each Pier)

Indicates Removal of Existing bearing and steel extension.
Cost included with "Jack and Remove Existing Bearings".

PROCEDURE TO JACK AND REMOVE EXISTING BEARINGS

(Minimum Jack Capacity Required 60 tons)

1. Jack and Remove Existing Bearings shall be conducted according to the General Bridge Special Provision "Jack and Remove Existing Bearings". See Interior Beam Reaction Table for loads.
2. Jacking and removing existing bearings shall be done after partial deck concrete removal and before new deck concrete is poured.
3. Three beams may be lifted simultaneously, as outlined in the stage construction layout.
4. The existing rockers, elastomeric bearings and steel extensions shall be removed.
5. Formwork and bearing seat construction shall occur.
6. The new elastomeric bearings shall be placed. The new fixed bearings top and bottom plates shall be assembled prior to sliding into place under the beams.
7. After all bearings have been replaced the jacks shall be lowered.
8. The new holes for the side retainers shall be drilled at the locations specified where required.

Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers and other steel members required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

See Sheet 18 of 28 for Anchor Bolt location Details at South Abutment.

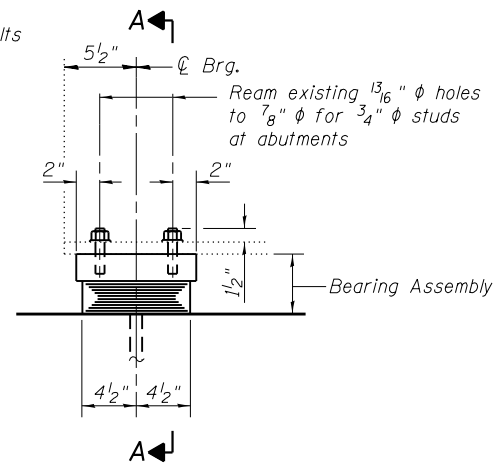
See Sheet 21 of 28 for Anchor Bolt location Details at North Abutment.

See Sheet 24 of 28 for Anchor Bolt location Details at Pier 1.

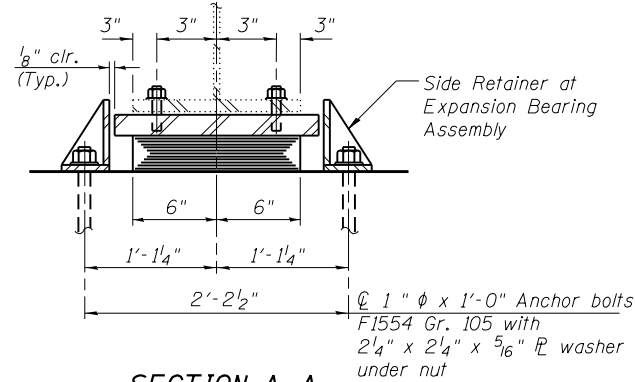
See Sheet 27 of 28 for Anchor Bolt location Details at Pier 2.

Side retainers, anchor bolts, nuts, washers and bearing plates may be galvanized according to AASHTO M111 or M232 (as applicable).

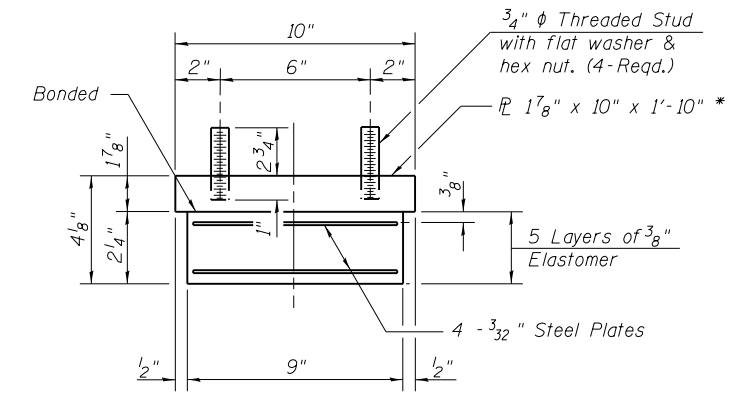
Anchor bolts at fixed bearings may be either cast in place or installed in drilled holes after the supported member is in place.



ELEVATION



SECTION A-A

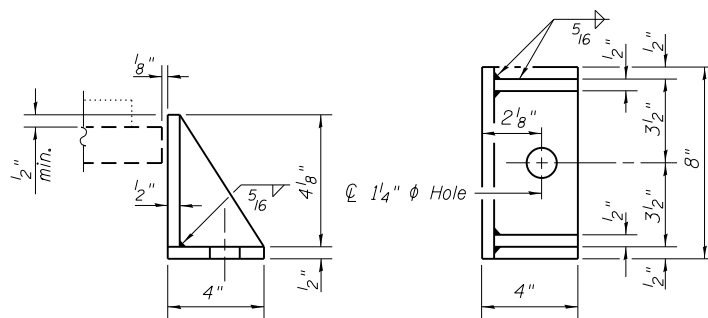


BEARING ASSEMBLY

TYPE I ELASTOMERIC EXPANSION BEARING

(18 Required)
(6 at each Abutment & 6 at Pier 2)

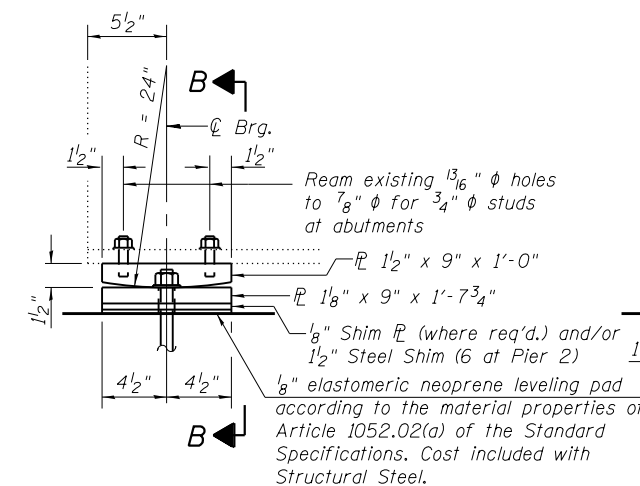
* Bearing \mathbb{R} to be clipped.
See Sheets 18 and 21 of 28 for clip dimensions and layout.



SIDE RETAINER

(36 Total)
(12 at each Abutment and 12 at Pier 2)

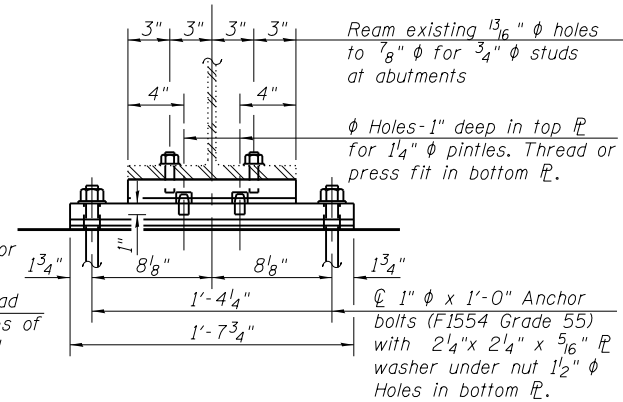
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



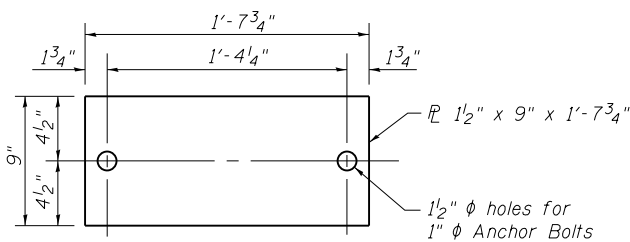
ELEVATION AT PIER

FIXED BEARING

(18 Required)
(12 at Pier 1 & 6 at Pier 2)

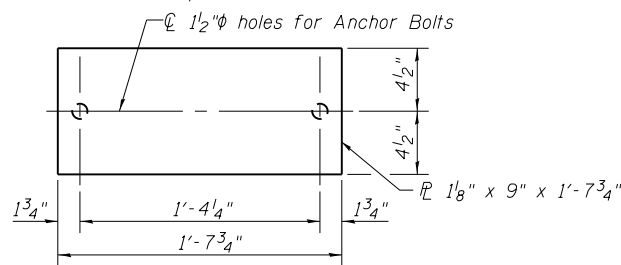


SECTION B-B

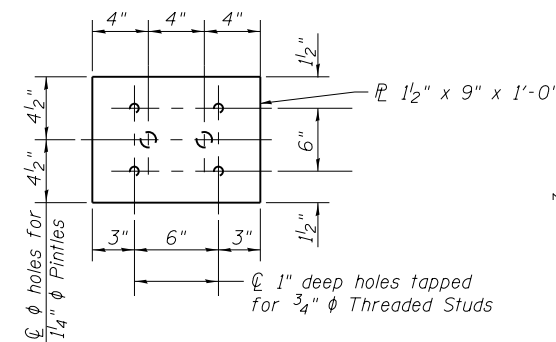


STEEL SHIM

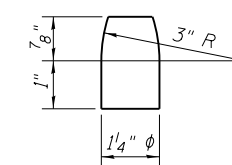
(6 Required at Pier 2)



PLAN - BOTTOM PLATE FIXED BEARING



PLAN - TOP PLATE FIXED BEARING



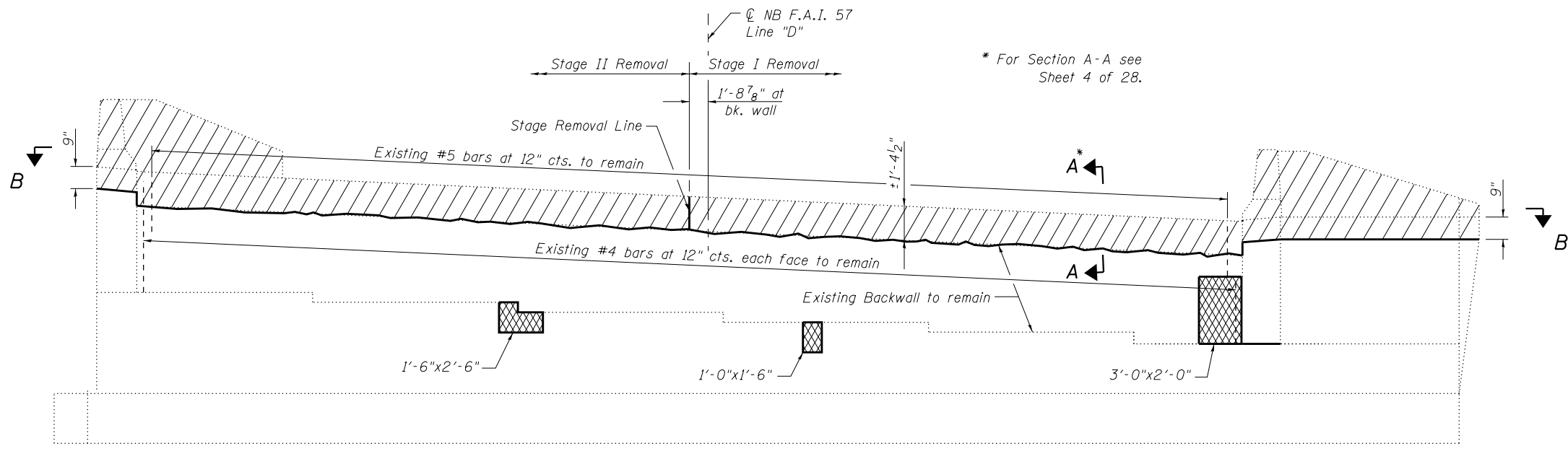
PINTLE

INTERIOR BEAM REACTION TABLE				
		Span 1	Span 2	Span 3
R ϕ	(k)	29.9	31.9	27.6
R $\frac{1}{2}$	(k)	37.7	38.0	37.1
Imp.	(k)	9.4	9.5	10.0
R _{Total}	(k)	77.0	79.4	74.7

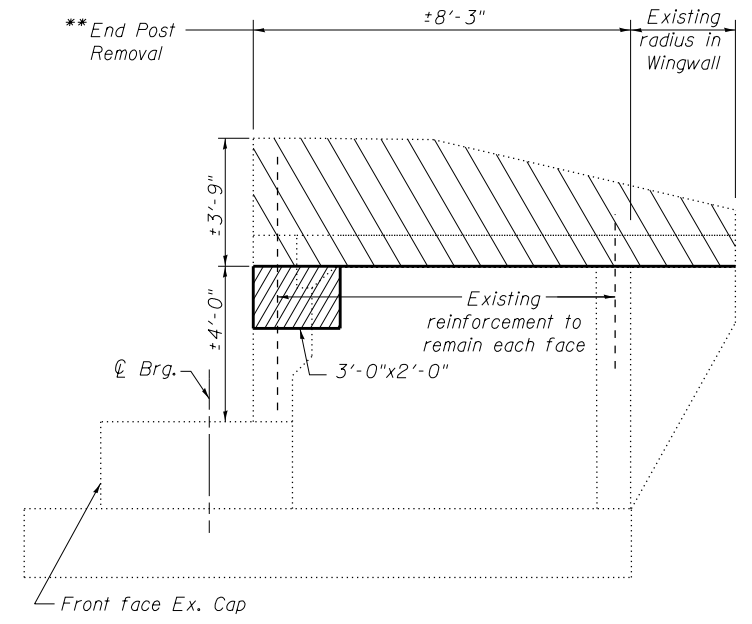
Reactions are for the Beam Ends.

BILL OF MATERIAL

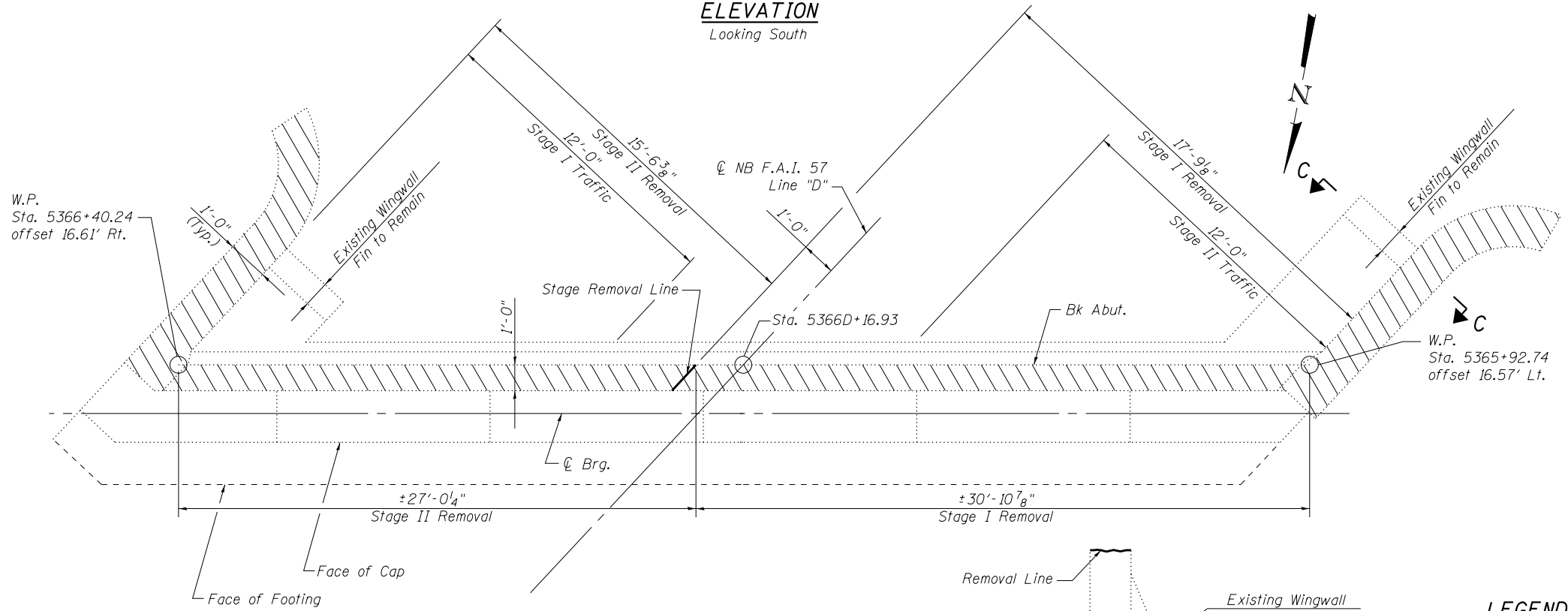
Item	Unit	Total
Jack & Remove Existing Bearings	Each	18
Elastomeric Bearing Assembly Type I	Each	18
Anchor Bolts, 1"	Each	72
Furnishing & Erecting Structural Steel	Pound	2460



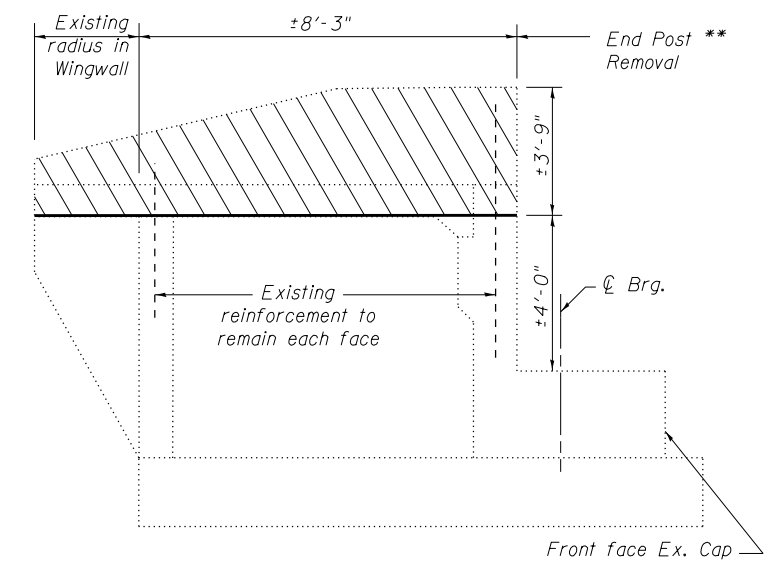
ELEVATION
Looking South



WEST WING WALL



VIEW B-B
SOUTH ABUTMENT



EAST WING WALL

LEGEND

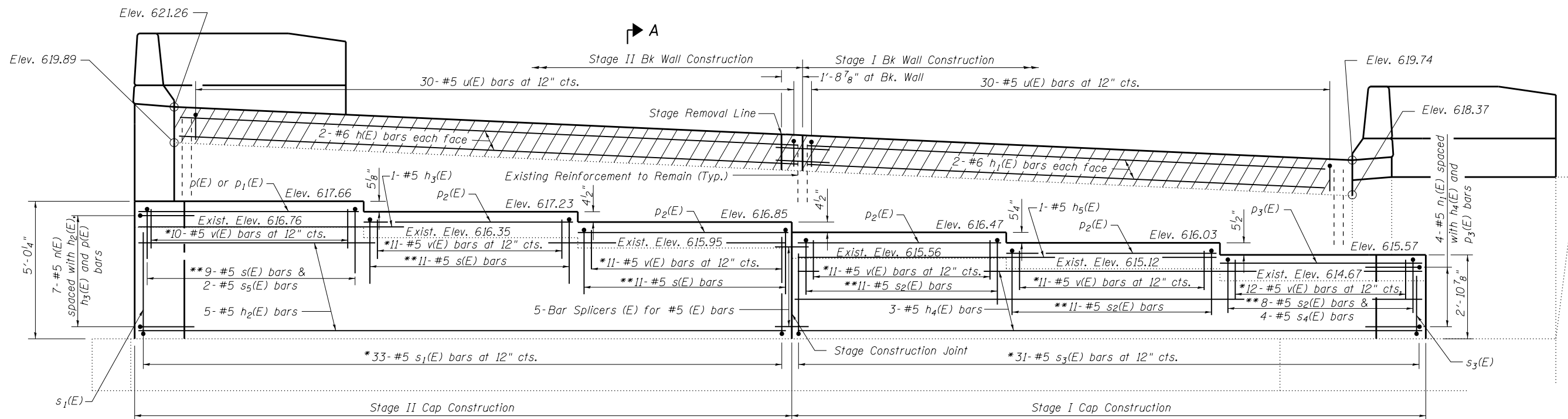
- Indicates Structural Repair of Concrete
- Indicates Concrete Removal (Special)
- Indicates Concrete Removal

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	5.6
Concrete Removal (Special)	Sq. Yd.	2
Structural Repair of Concrete (Depth equal to or less than 5")	Sq. Ft.	6

Notes:
The quantities shown are for estimating purposes only. The area to be repaired will be determined by the Engineer at the time of construction. Actual repair locations shall be shown on As-built plans.

VIEW C-C

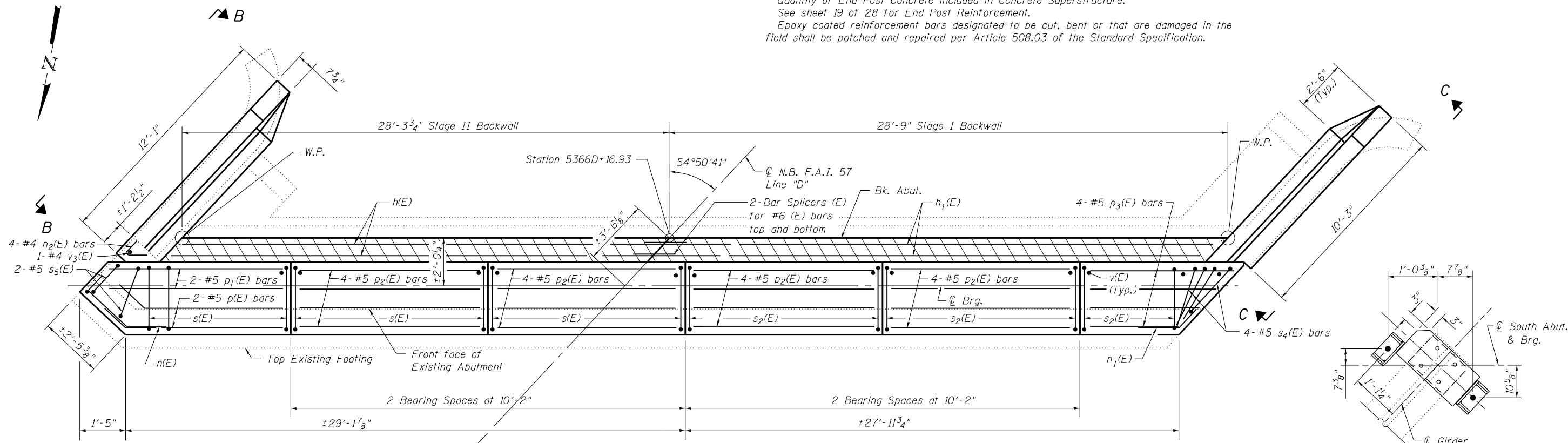


ELEVATION
(Looking South)

Notes:

Order p(E), p₃(E) and s₄(E) bars full length and cut to fit with 2" clear.
 For Section thru Slope Wall see Section E-E Sheet 3 of 28.
 For Section A-A see Sheet 19 of 28.
 Hatched area quantity of concrete included with Concrete Superstructure.
 Space reinforcement to miss anchor bolts.
 Bars shall be drilled and grouted according to Section 584 of the Standard Specifications.
 Quantity of End Post Concrete included in Concrete Superstructure.
 See sheet 19 of 28 for End Post Reinforcement.
 Epoxy coated reinforcement bars designated to be cut, bent or that are damaged in the field shall be patched and repaired per Article 508.03 of the Standard Specification.

* Field Drill and Epoxy Grout min. 7" into existing cap.
 ** spaced with v(E) bars.



PLAN

MIN BAR LAP
#5 bar = 2'-6"

ANCHOR BOLT DETAIL
SOUTH ABUTMENT

FILE NAME = 0250002-74295-018.dgn



USER NAME =
 PLOT SCALE =
 PLOT DATE = 1:56:10 PM 8/15/2013

DESIGNED - BB
 CHECKED - ACS
 DRAWN - WJS
 CHECKED - CJF & BB

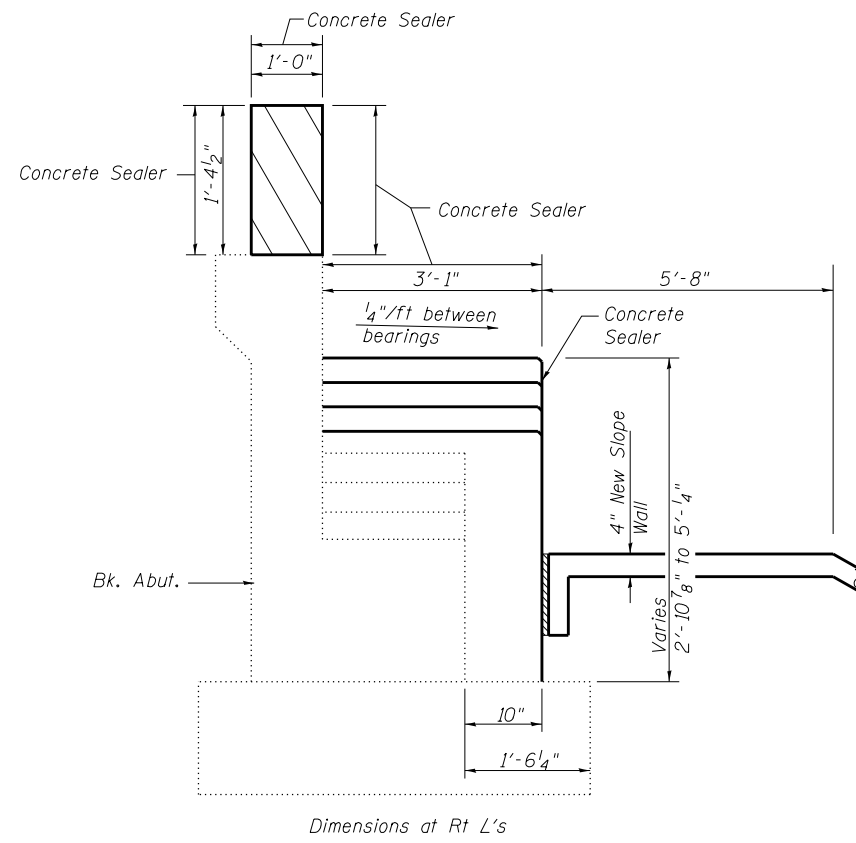
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

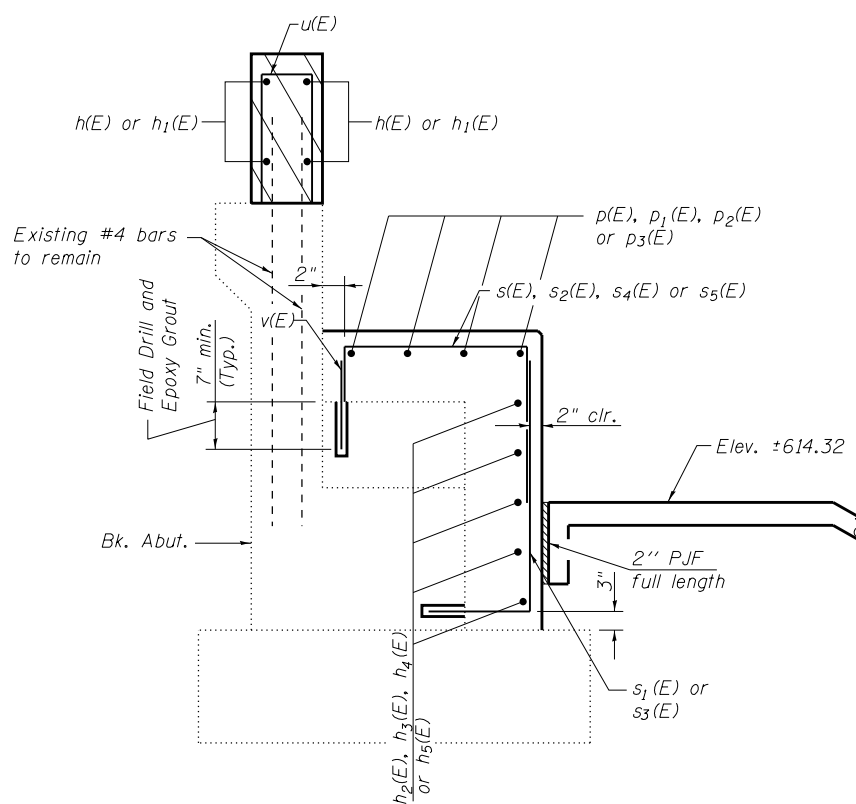
SOUTH ABUTMENT DETAILS
STRUCTURE NO. 025-0002

SHEET NO. 18 OF 28 SHEETS

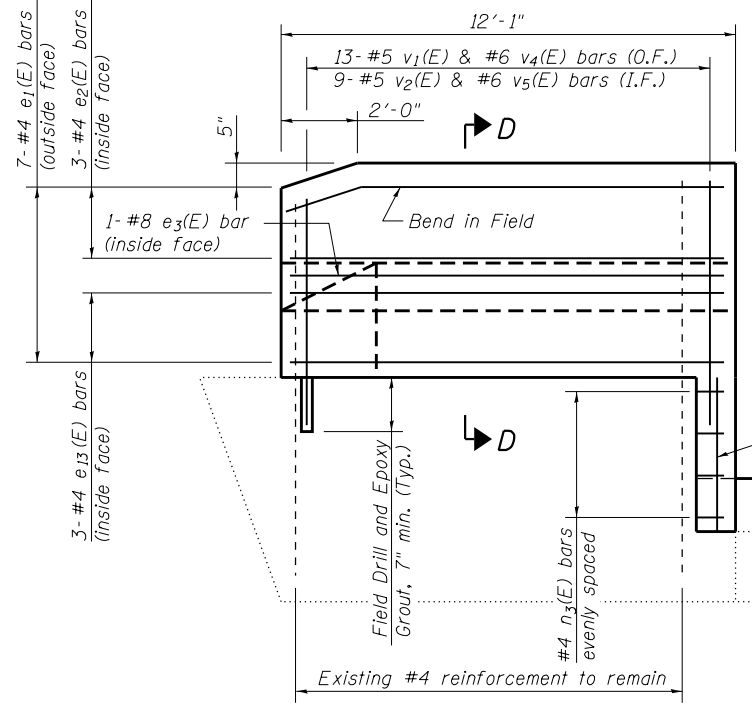
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(25-4HB)1-4	EFFINGHAM	1760	1695
SN 025-0002		CONTRACT NO. 74295		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



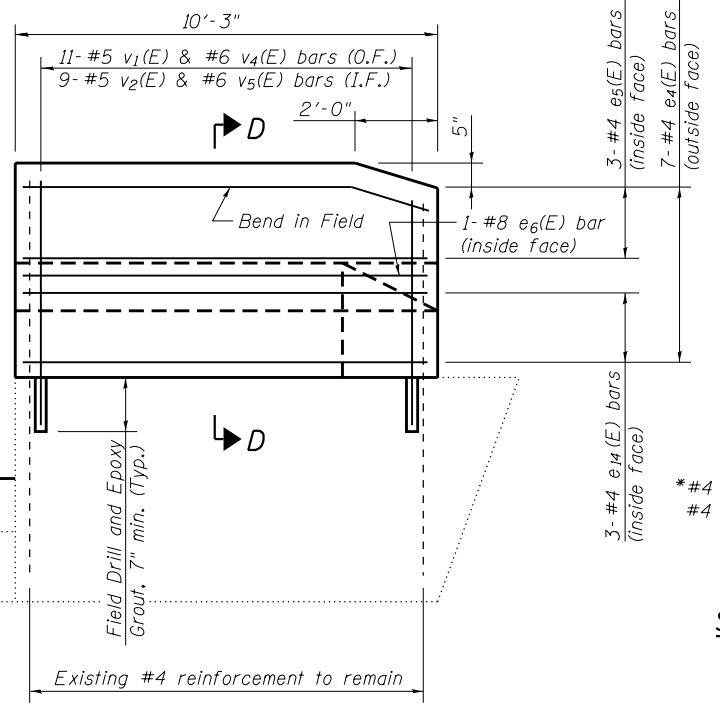
Dimensions at Rt L's
**SECTION A-A
THRU ABUTMENT SHOWING OUTLINE**



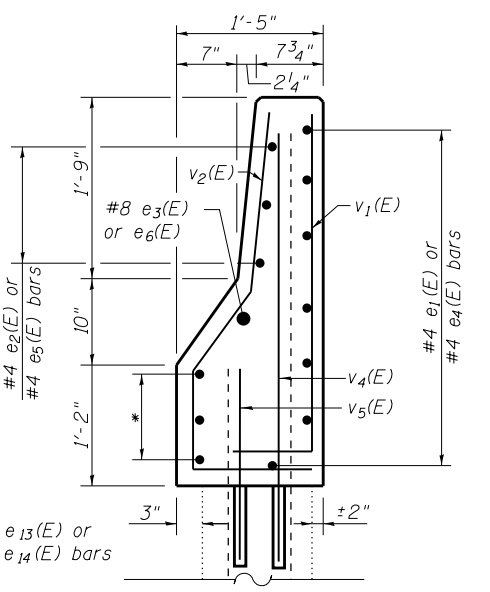
**SECTION A-A
THRU ABUTMENT SHOWING REINFORCEMENT**



**VIEW B-B
(East Parapet)**

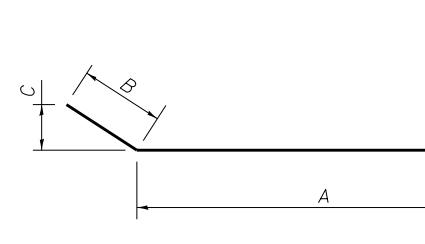
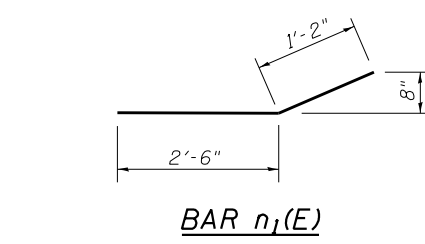
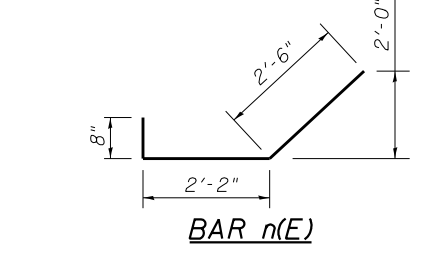


**VIEW C-C
(West Parapet)**



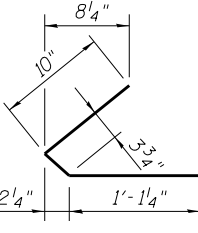
**SECTION D-D
SOUTH ABUTMENT BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
e ₁ (E)	7	#4	11'-10"	—
e ₂ (E)	3	#4	10'-7"	—
e ₃ (E)	1	#8	10'-9"	—
e ₄ (E)	7	#4	9'-11"	—
e ₅ (E)	3	#4	10'-10"	—
e ₆ (E)	1	#8	11'-0"	—
e ₁₃ (E)	3	#4	10'-9"	—
e ₁₄ (E)	3	#4	11'-0"	—
h(E)	4	#6	28'-0"	—
h ₁ (E)	4	#6	28'-5"	—
h ₂ (E)	5	#5	28'-10"	—
h ₃ (E)	1	#5	11'-4"	—
h ₄ (E)	3	#5	27'-8"	—
h ₅ (E)	1	#5	22'-10"	—
n(E)	7	#5	5'-4"	—
n ₁ (E)	4	#5	3'-8"	—
n ₂ (E)	4	#4	2'-3"	—
p(E)	2	#5	10'-9"	—
p ₁ (E)	2	#5	8'-5"	—
p ₂ (E)	16	#5	9'-10"	—
p ₃ (E)	4	#5	11'-5"	—
s(E)	31	#5	7'-2"	—
s ₁ (E)	33	#5	5'-0"	—
s ₂ (E)	30	#5	5'-11"	—
s ₃ (E)	31	#5	3'-9"	—
s ₄ (E)	4	#5	5'-0"	—
s ₅ (E)	2	#5	6'-9"	—
u(E)	60	#5	3'-1"	—
v(E)	66	#5	1'-3"	—
v ₁ (E)	24	#5	4'-4"	—
v ₂ (E)	18	#5	4'-6"	—
v ₃ (E)	1	#4	3'-8"	—
v ₄ (E)	24	#6	4'-2"	—
v ₅ (E)	18	#6	2'-3"	—

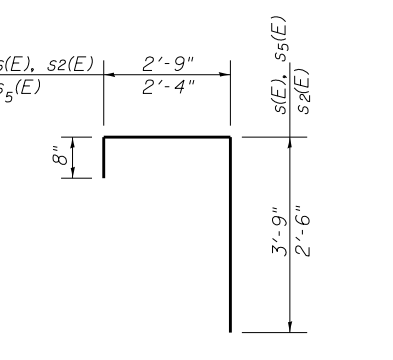


BARS e₃(E), e₆(E), e₁₃(E), e₁₄(E) & p(E)

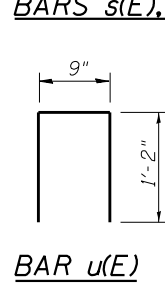
Bar	A	B	C
e ₃ (E)	8'-3 1/2"	2'-5 1/2"	8 3/4"
e ₆ (E)	8'-6 1/4"	2'-5 3/4"	8 3/4"
e ₁₃ (E)	8'-3 1/2"	2'-5 1/2"	8 3/4"
e ₁₄ (E)	8'-6 1/4"	2'-5 3/4"	8 3/4"
p(E)	8'-7"	2'-2"	1'-9 1/2"



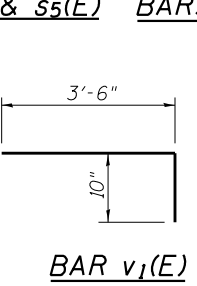
BARS s(E), s₂(E) & s₅(E)



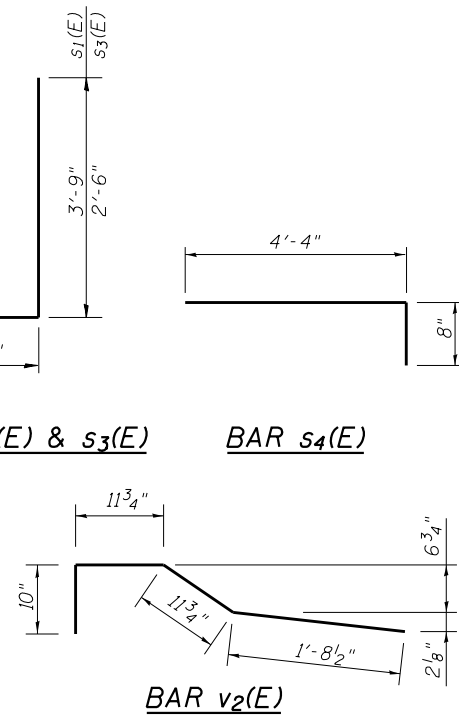
BARS s₁(E) & s₃(E)



BAR u(E)



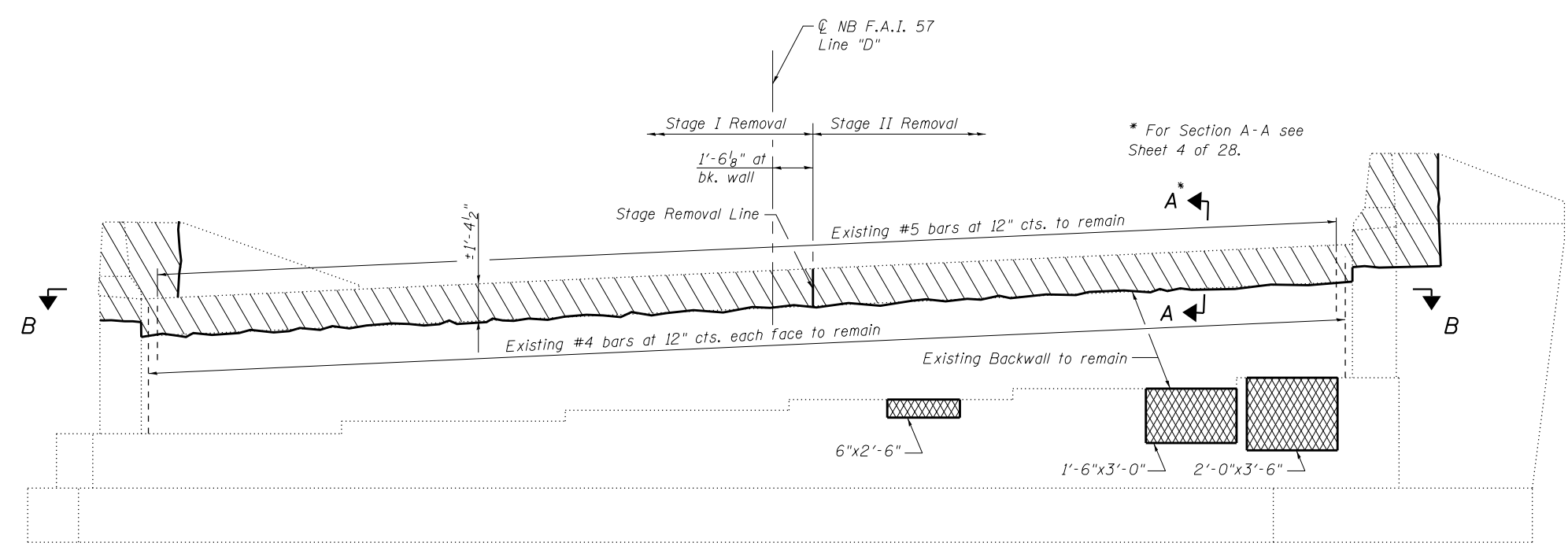
BAR v₁(E)



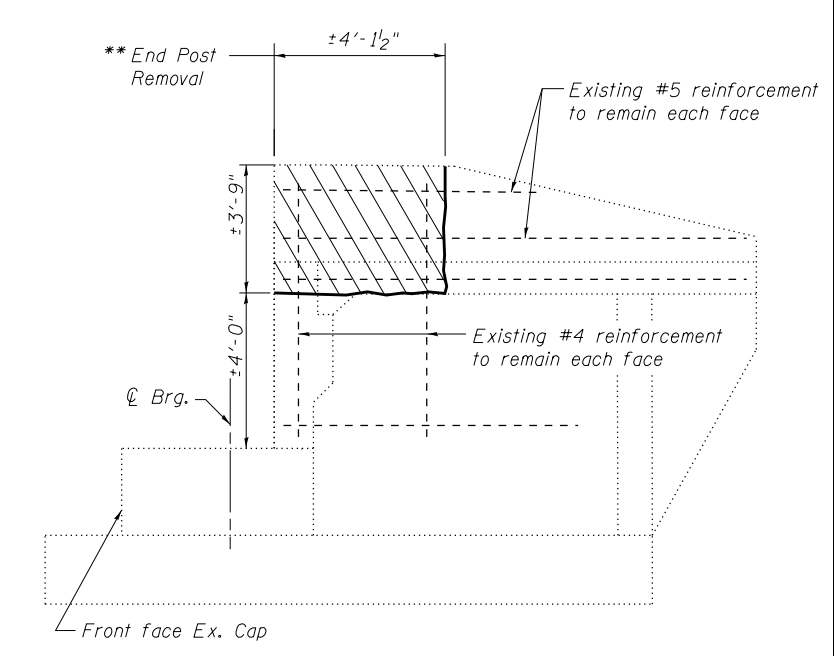
BAR v₂(E)

Notes:
Hatched area quantity of concrete included with Concrete Superstructure.
Bars shall be drilled and grouted according to Section 584 of the Standard Specifications.
Apply Concrete Sealer to exposed horizontal and vertical faces of abutment extension.
Per Article 501.05 of the Standard Specifications, the existing reinforcement in the Wingwall Radius section, to be removed, shall be cut flush. The ends of the existing reinforcement shall receive a two-part epoxy coating according to AASHTO M 317.

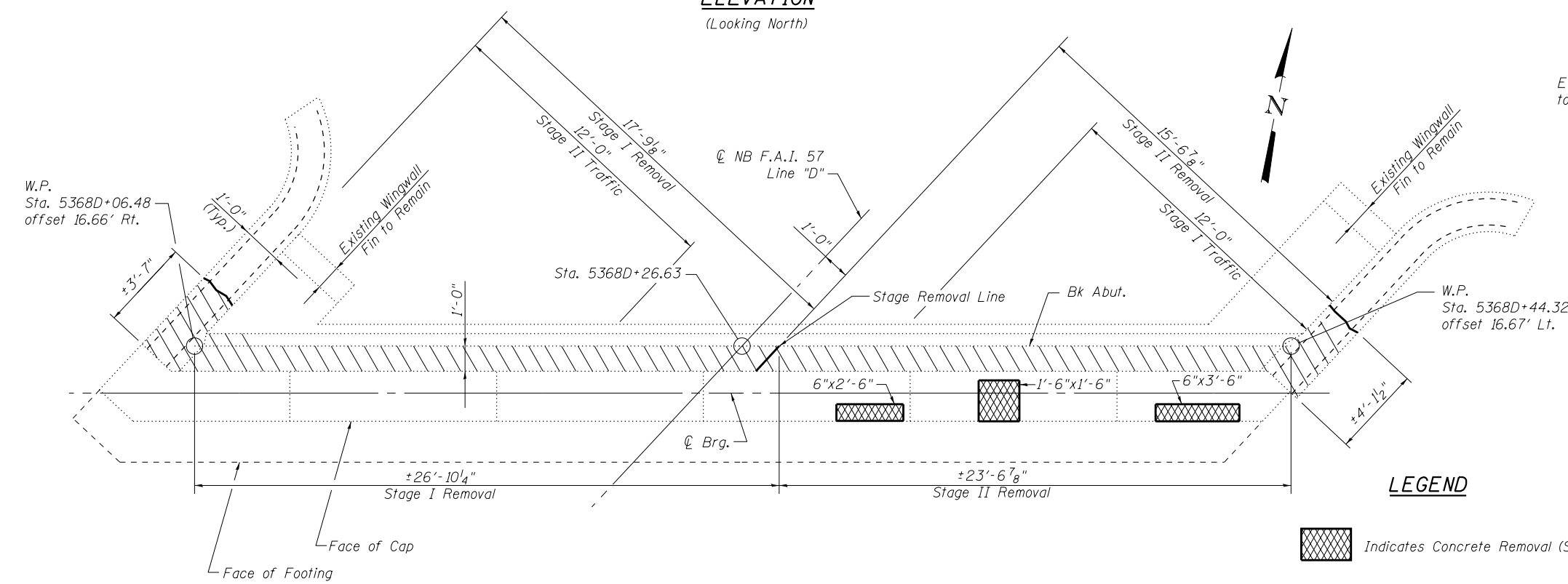
** For End Post Removal Limits see Sheet 4 of 28.



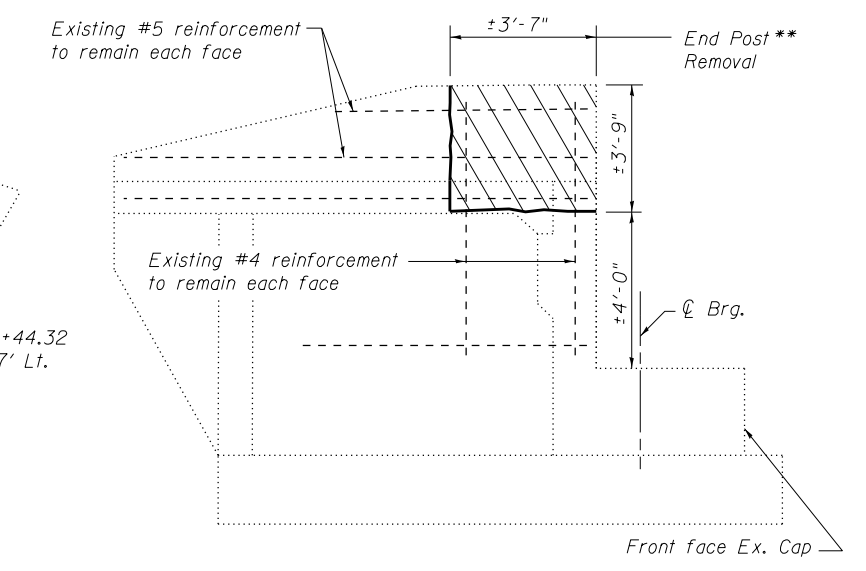
ELEVATION
(Looking North)



EAST WING WALL



VIEW B-B
NORTH ABUTMENT



WEST WING WALL

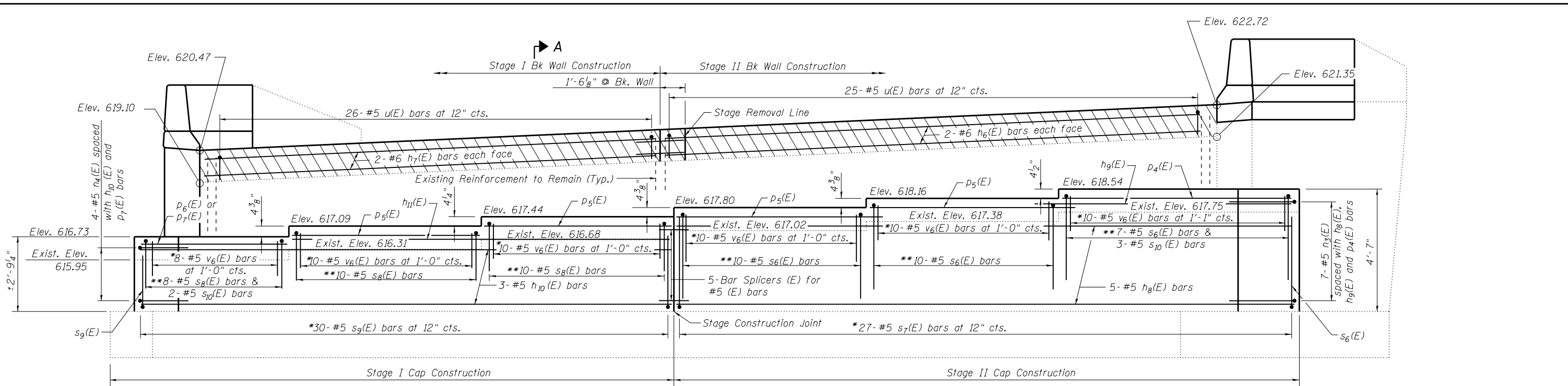
LEGEND

- Indicates Concrete Removal (Special)
- Indicates Concrete Removal

Notes:
The quantities shown are for estimating purposes only. The area to be repaired will be determined by the Engineer at the time of construction. Actual repair locations shall be shown on As-built plans.

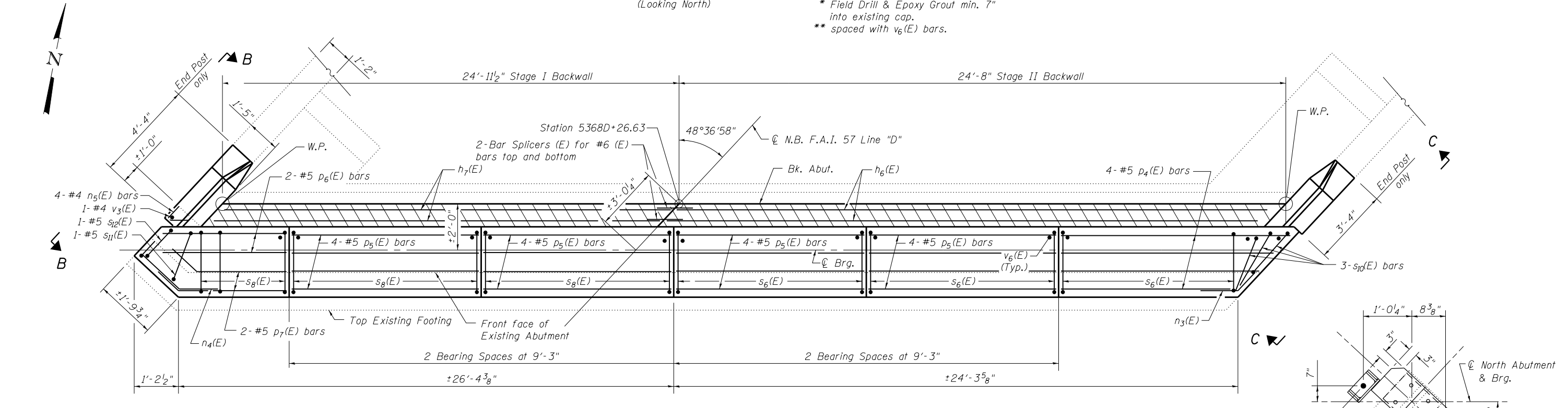
BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	3.6
Concrete Removal (Special)	Sq. Yd.	2



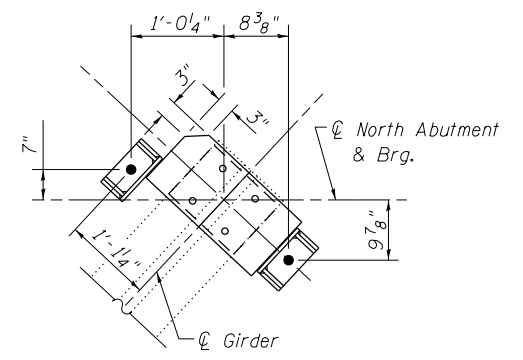
ELEVATION
(Looking North)

* Field Drill & Epoxy Grout min. 7" into existing cap.
** spaced with v6(E) bars.



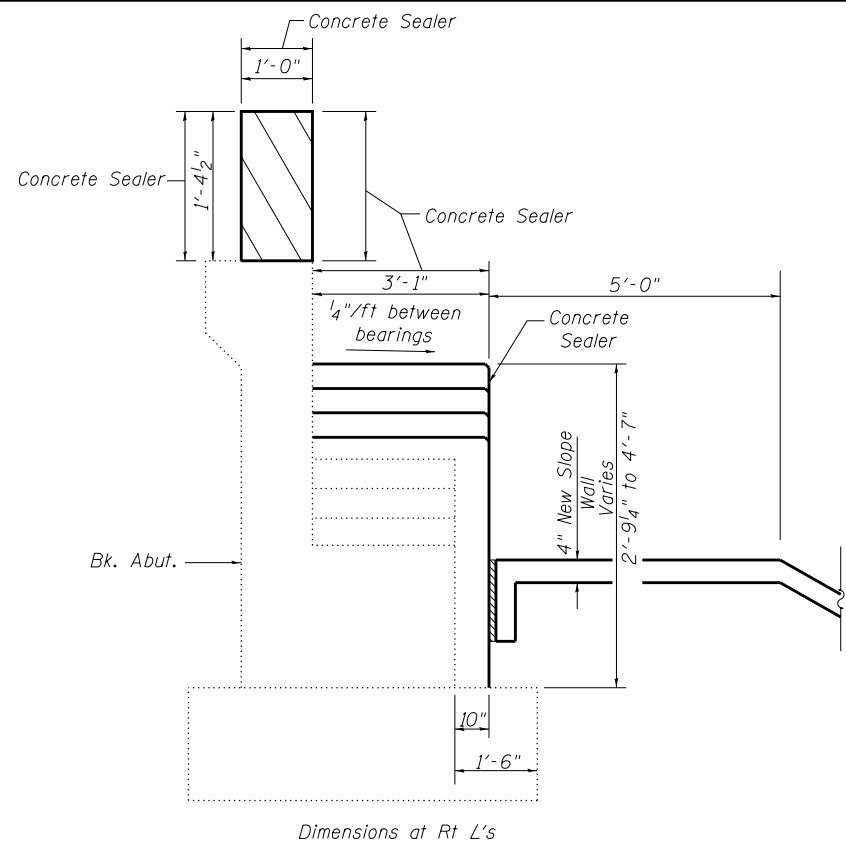
PLAN

Notes:
Order p4(E), p7(E) and s10(E) bars full length and cut to fit with 2" clear.
For Section thru Slope Wall see Section E-E Sheet 3 of 28.
For Section A-A, View B-B, and View C-C see Sheet 22 of 28.
Hatched area quantity of concrete included with Concrete Superstructure.
Space reinforcement to miss anchor bolts.
Bars shall be drilled and grouted according to Section 584 of the Standard Specifications.
Quantity of End Post Concrete included in Concrete Superstructure.
See sheet 22 of 28 for End Post Reinforcement.
Epoxy coated reinforcement bars designated to be cut, bent or that are damaged in the field shall be patched and repaired per Article 508.03 of the Standard Specification



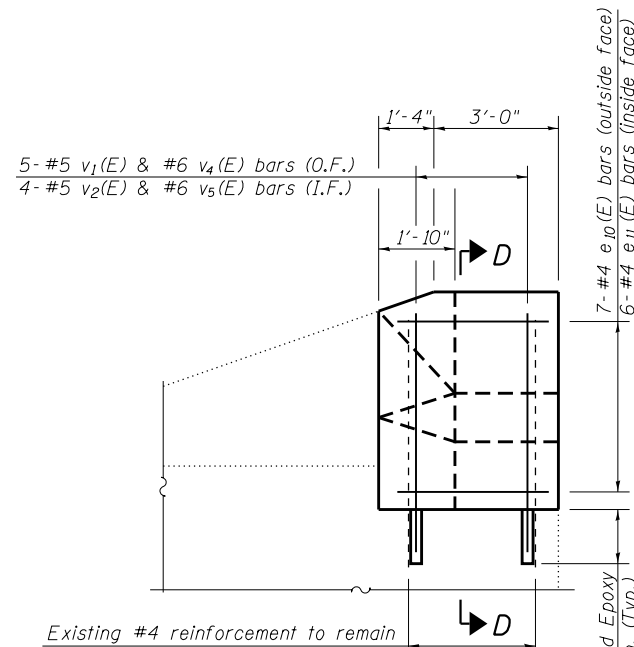
ANCHOR BOLT DETAIL
NORTH ABUTMENT

FILE NAME = 0250002-74295-02.dgn  BERNAIZEN LOCHMULLER & ASSOCIATES, INC. 3 DAK DRIVE MARYVILLE, IL 62450 PHONE (618) 281-4666 FAX (618) 288-4666	USER NAME = PLOT SCALE = PLOT DATE = 1:56:43 PM 8/15/2013	DESIGNED - BB CHECKED - ACS DRAWN - WJS CHECKED - CJF & BB	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH ABUTMENT DETAILS STRUCTURE NO. 025-0002 SHEET NO. 21 OF 28 SHEETS	F.A.I. R.T.E. = 57 SECTION = (25-4HB)I-4 COUNTY = EFFINGHAM TOTAL SHEETS = 1760 SHEET NO. = 1698 CONTRACT NO. = 74295
	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



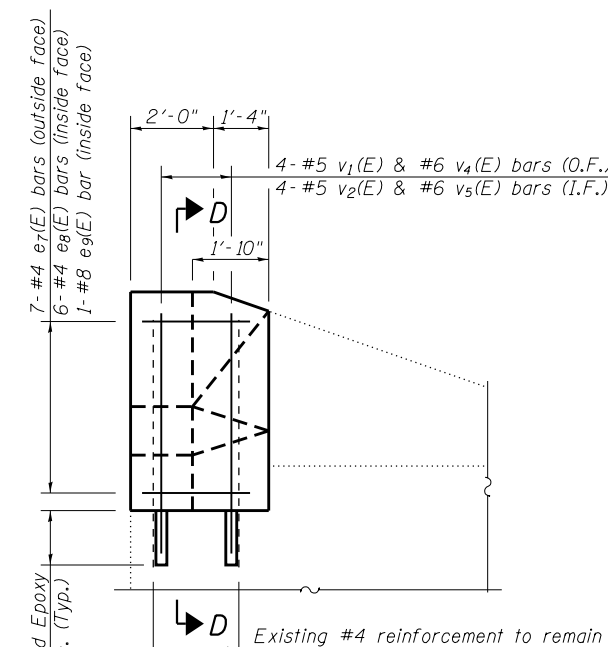
Dimensions at Rt L's

**SECTION A-A
THRU ABUTMENT SHOWING OUTLINE**



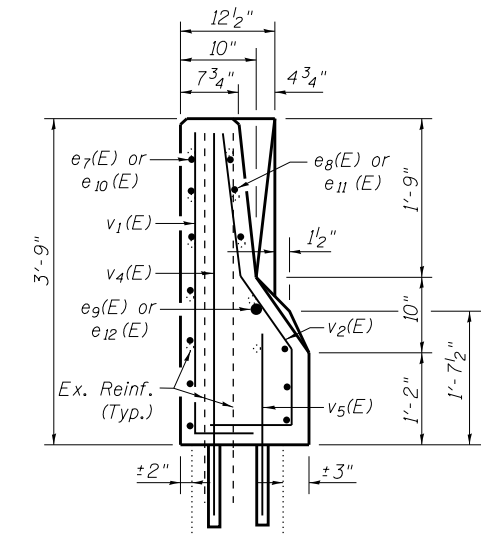
VIEW B-B

(West Parapet)



VIEW C-C

(East Parapet)

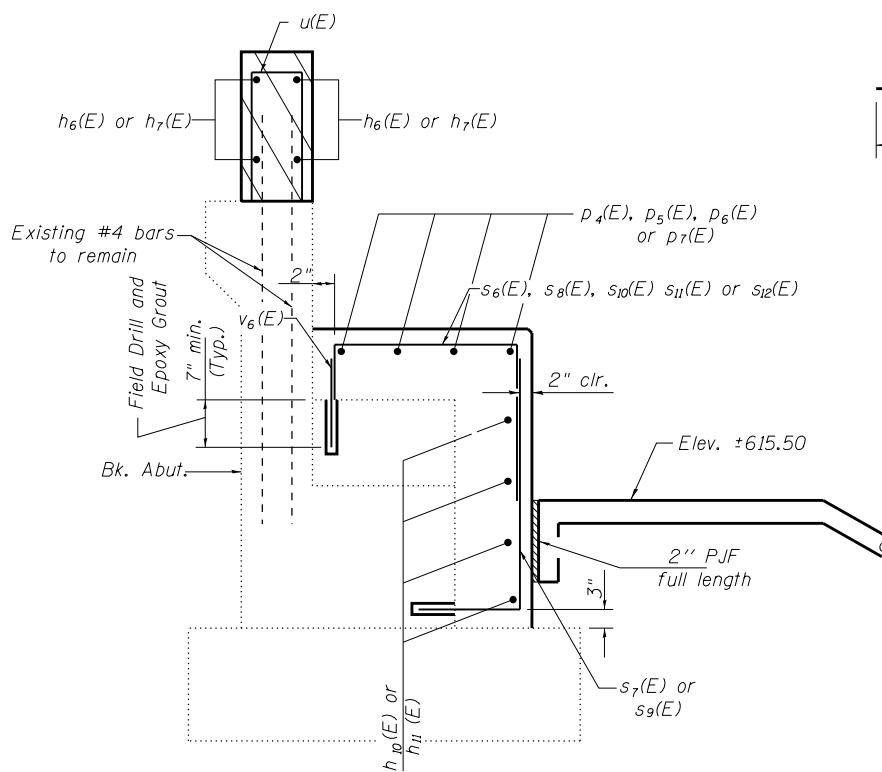


**SECTION D-D
ENDPOST**

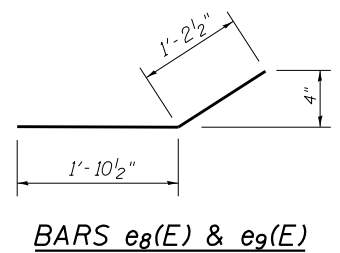
NORTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
e7(E)	7	#4	3'-1"	—
e8(E)	6	#4	3'-1"	—
e9(E)	1	#8	3'-1"	—
e10(E)	7	#4	4'-1"	—
e11(E)	6	#4	4'-1"	—
e12(E)	1	#8	4'-1"	—
h6(E)	4	#6	24'-4"	—
h7(E)	4	#6	24'-7"	—
h8(E)	5	#5	24'-0"	—
h9(E)	1	#5	8'-10"	—
h10(E)	3	#5	26'-1"	—
h11(E)	1	#5	21'-0"	—
n3(E)	7	#5	3'-6"	—
n4(E)	4	#5	4'-9"	—
n5(E)	4	#4	2'-3"	—
p4(E)	4	#5	8'-8"	—
p5(E)	16	#5	8'-11"	—
p6(E)	2	#5	6'-10"	—
p7(E)	2	#5	9'-2"	—
s6(E)	27	#5	6'-10"	—
s7(E)	27	#5	4'-9"	—
s8(E)	28	#5	5'-9"	—
s9(E)	30	#5	3'-8"	—
s10(E)	3	#5	4'-9"	—
s11(E)	1	#5	5'-10"	—
s12(E)	1	#5	5'-4"	—
u(E)	51	#5	3'-1"	—
v1(E)	9	#5	4'-4"	—
v2(E)	8	#5	4'-6"	—
v3(E)	1	#4	3'-8"	—
v4(E)	9	#6	4'-2"	—
v5(E)	8	#6	2'-3"	—
v6(E)	58	#5	1'-2"	—
Structure Excavation	Cu. Yd.		9.0	
Concrete Structures	Cu. Yd.		9.4	
Concrete Superstructures	Cu. Yd.		3.7	
Reinforcement Bars, Epoxy Coated	Pound		1920	
Bar Splicers	Each		9	
Concrete Sealer	Sq. Ft.		560	

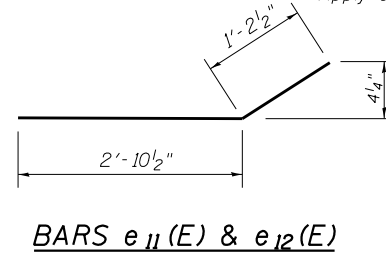
Notes:
For Endpost details see Sheet 7 of 28.
For additional bar bend details see Sheet 19 of 28.
Hatched area quantity of concrete included with Concrete Superstructure.
Bars shall be drilled and grouted according to Section 584 of the Standard Specifications.
Apply Concrete Sealer to exposed horizontal and vertical faces of abutment extension.



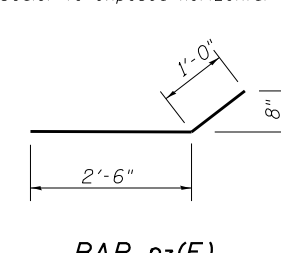
**SECTION A-A
THRU ABUTMENT SHOWING REINFORCEMENT**



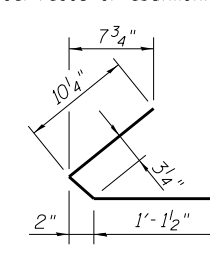
BARS e8(E) & e9(E)



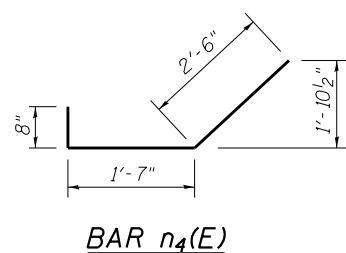
BARS e11(E) & e12(E)



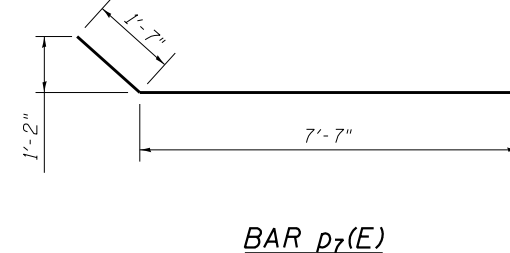
BAR n3(E)



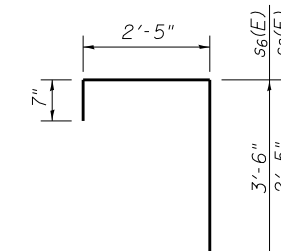
BAR n5(E)



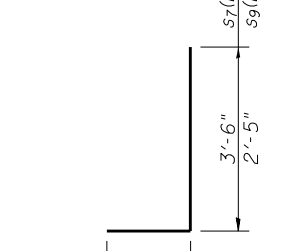
BAR n4(E)



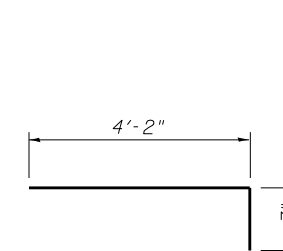
BAR p7(E)



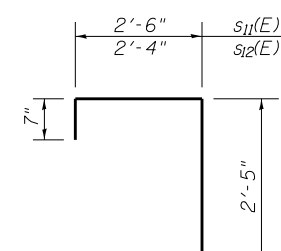
BARS s6(E) & s8(E)



BARS s7(E) & s9(E)



BAR s10(E)



BARS s11(E) & s12(E)

FILE NAME = 0250002-74295-022.dgn

USER NAME =
DESIGNED - BB
CHECKED - ACS
PLOT SCALE =
DRAWN - WJS
PLOT DATE = 1:56:44 PM 8/15/2013

DESIGNED - BB
CHECKED - ACS
DRAWN - WJS
CHECKED - CJF & BB

REVISED -
REVISED -
REVISED -
REVISED -

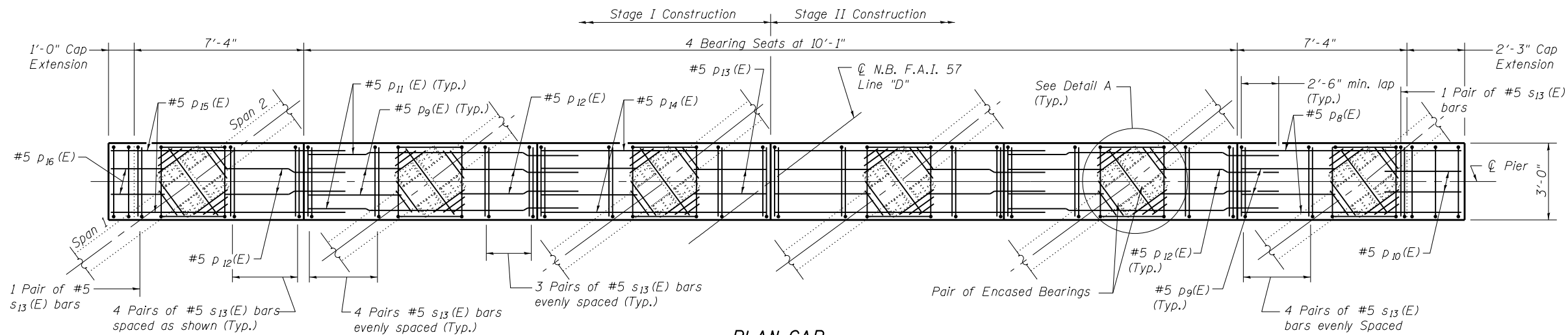
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT SECTIONS
STRUCTURE NO. 025-0002

SHEET NO. 22 OF 28 SHEETS

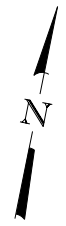
F.A.I. RT. SECTION COUNTY TOTAL SHEETS SHEET NO.
57 (25-4HB)I-4 EFFINGHAM 1760 1699
SN 025-0002 CONTRACT NO. 74295
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT



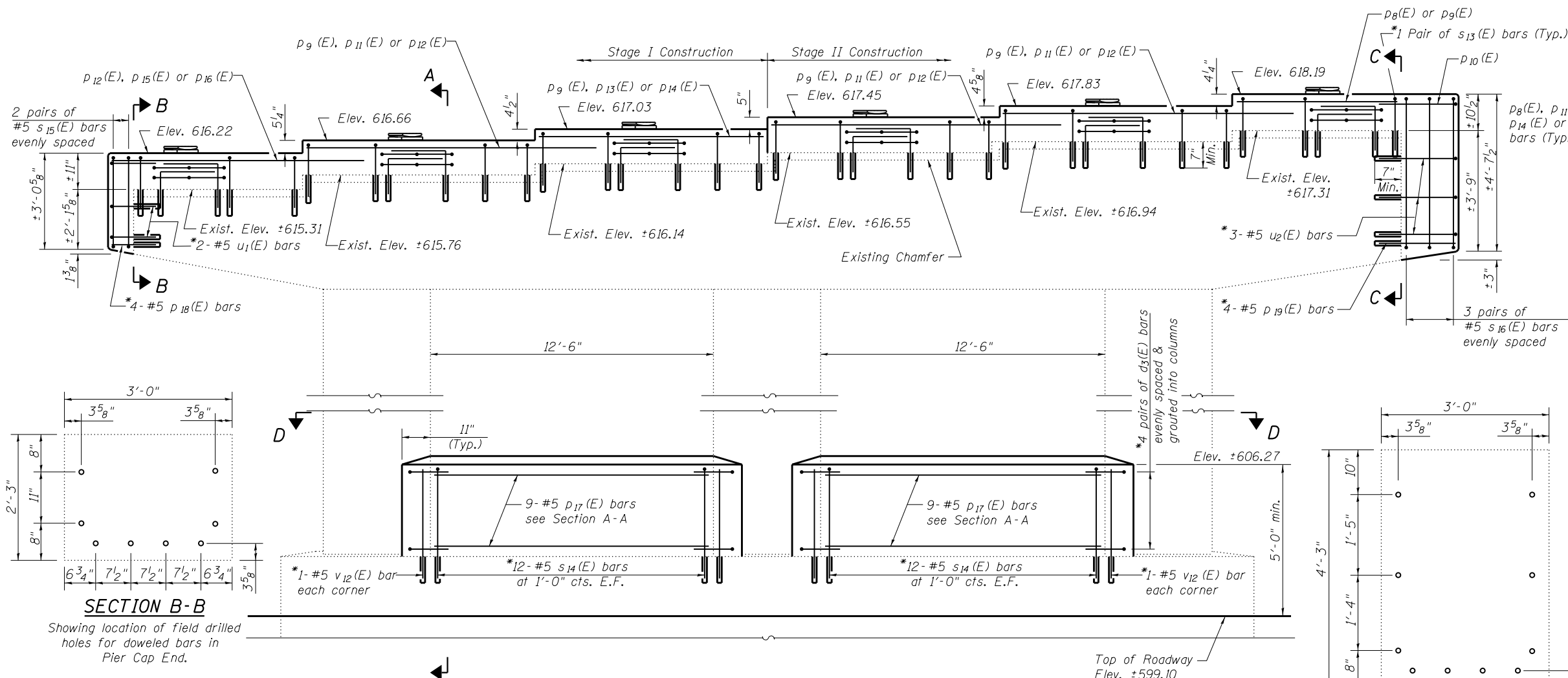


PLAN CAP

(New Side Retainers not shown for clarity)

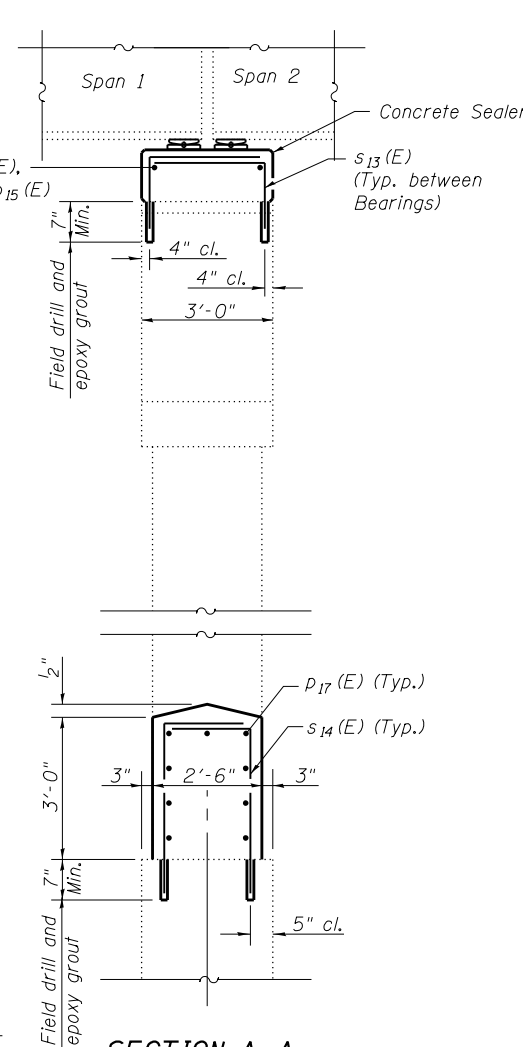


Notes:
 For Detail A see Sheet 24 of 28.
 For View D-D see Sheet 24 of 28.
 Bars shall be drilled and grouted according to Section 584 of the Standard Specifications.
 Concrete Sealer shall be applied only to exposed surface of the new concrete on Pier 1.



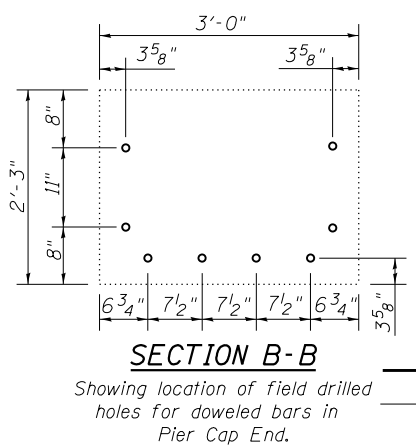
ELEVATION

(Looking North)



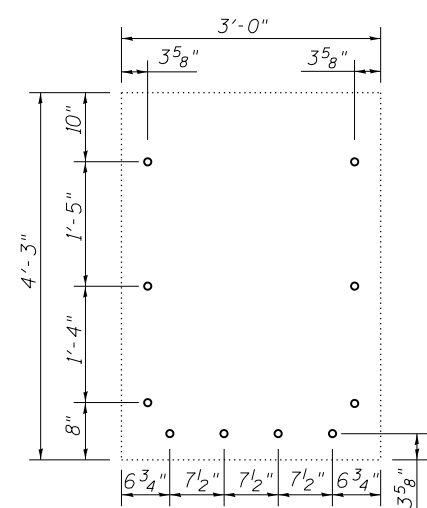
SECTION A-A

(Showing Bearings and Superstructure)



SECTION B-B

Showing location of field drilled holes for doweled bars in Pier Cap End.



SECTION C-C

Showing location of field drilled holes for doweled bars in Pier Cap End.

*Field drill and epoxy grout, 7" min. embedment.

FILE NAME = 0250002-74295-023.dgn
 BERNAISEN LOCHMULLER & ASSOCIATES, INC.
 3 OAK DRIVE
 MARYVILLE, IL 62438
 PHONE (618) 281-4666
 FAX (618) 288-4666

USER NAME =
 PLOT SCALE =
 PLOT DATE = 1:56:45 PM 8/15/2013

DESIGNED - BB
 CHECKED - ACS
 DRAWN - WJS
 CHECKED - CJF & BB

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PIER 1 GENERAL PLAN
 STRUCTURE NO. 025-0002**

SHEET NO. 23 OF 28 SHEETS

F.A.I. RE. 57	SECTION (25-4HB)I-4	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 1700
SN 025-0002		CONTRACT NO. 74295		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				