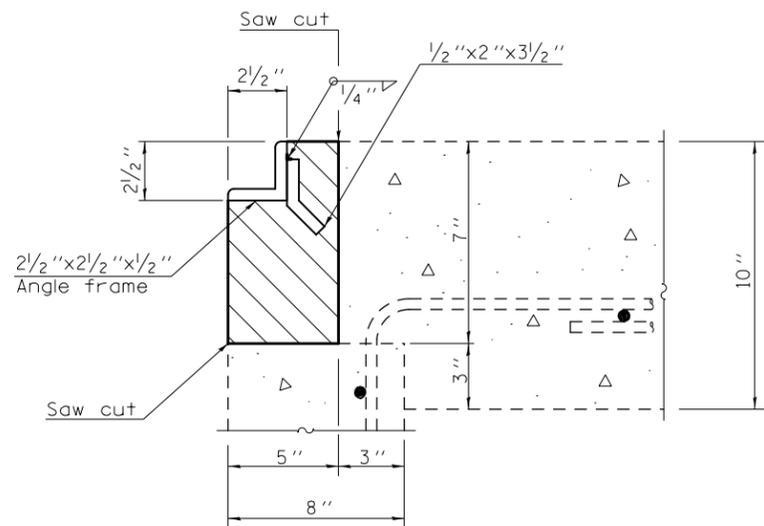


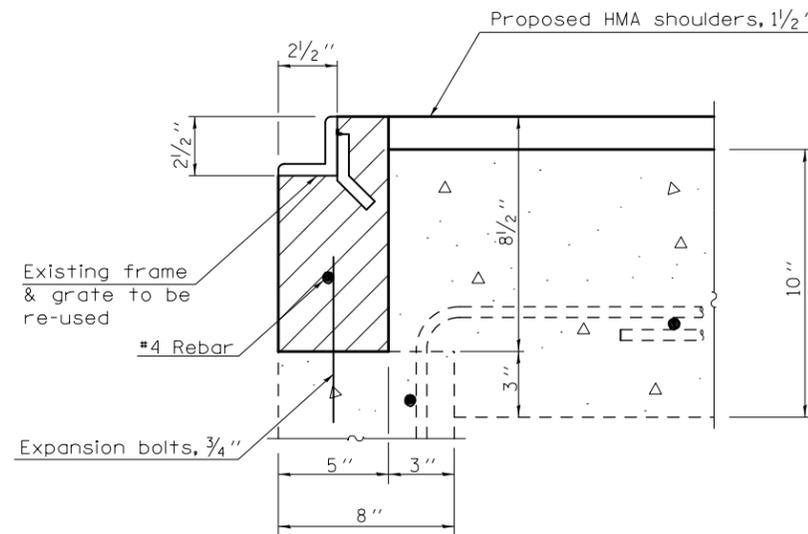
# DETAIL FOR INLET BOXES TO BE ADJUSTED (SPECIAL)

S.N. 057-0132



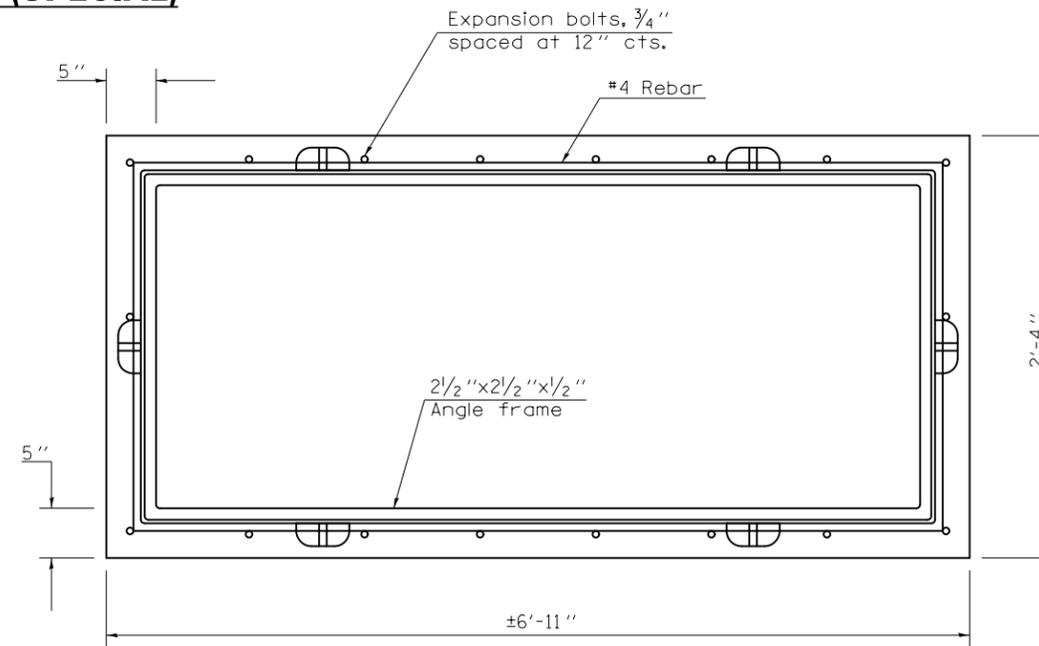
**DETAIL "A" - EXISTING**

Concrete Removal

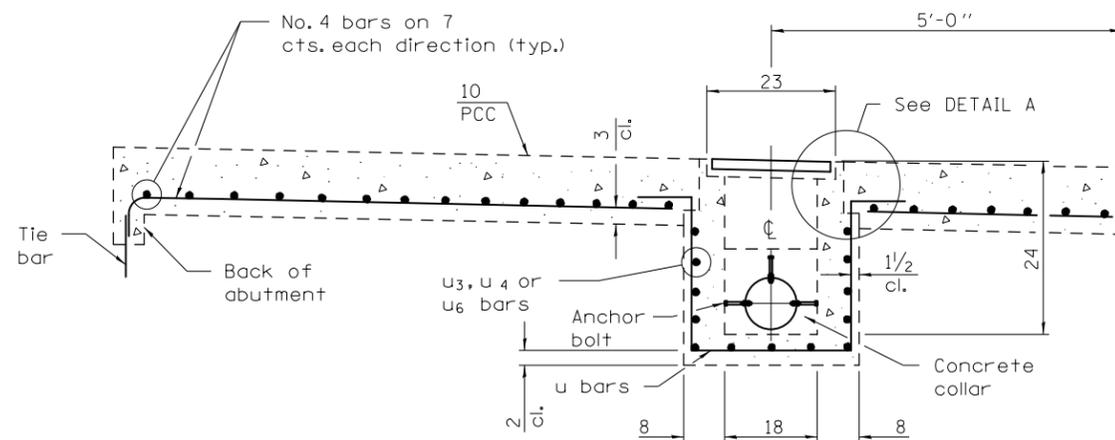


**DETAIL "A" - PROPOSED**

Class S.I. Concrete



**PLAN - PROPOSED**  
**(GRATING OMITTED FOR CLARITY)**



**PROFILE**

**BRIDGE APPROACH SHOULDER PAVEMENT AND DRAIN**

**NOTES:**

EXPANSION BOLTS SHALL EXTEND A MINIMUM OF 4" INTO THE PROPOSED CONCRETE.

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 602.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET BOXES TO BE ADJUSTED (SPECIAL)" WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO COMPLETE THE WORK.

**ESTIMATED QUANTITIES:**

(PER EACH INLET BOXES TO BE ADJUSTED (SPECIAL))

CONCRETE REMOVAL	=	0.15	CU YD
CLASS S.I. CONCRETE	=	0.18	CU YD
REINFORCEMENT BARS	=	11.4	LBS
EXPANSION BOLTS, 3/4"	=	18.0	EACH

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL FOR INLET BOXES TO BE ADJUSTED (SPECIAL)</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\pwidot\ppersonbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	101			
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		<b>CONTRACT NO. 70648</b>							
PLOT DATE = 8/26/2011		DATE - 08/03/11	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					





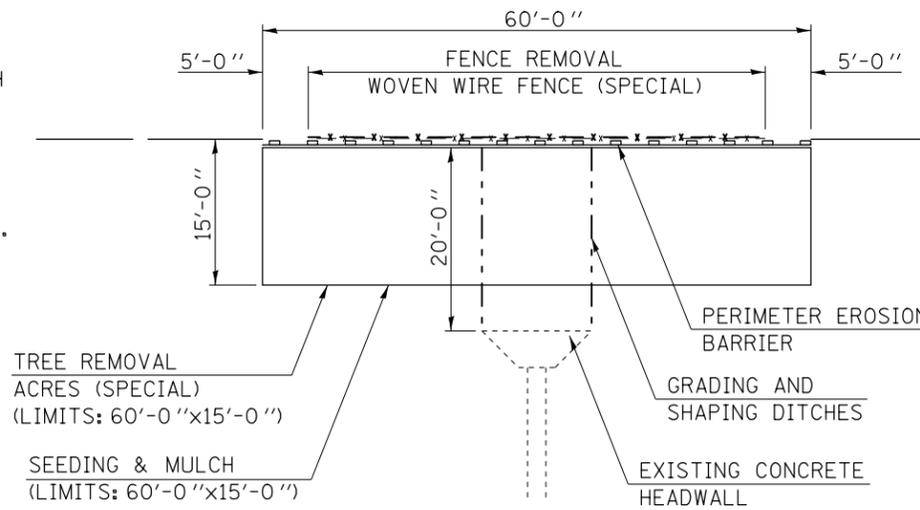
# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #3 STA. 1191+00.00

**NOTE:**

THE EXISTING STRUCTURE AT STATION 1191+00.00 CONSISTS OF DUAL MEDIAN INLET BOXES AND A 24" PIPE CULVERT, TYPE 2, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THERE ARE SEVERAL SMALL TREES AND BRUSH GROWING AT BOTH ENDS OF THE STRUCTURE THAT ARE AFFECTING DRAINAGE. ALSO, THE DOWNSTREAM ACCESS CONTROL FENCE IS COLLECTING AGRICULTURAL DEBRIS, THUS RESTRICTING FLOW AWAY FROM THE PIPE.

THE PROPOSED SCOPE OF WORK IS TO REMOVE ALL THE TREES AND BRUSH AS SPECIFIED AT BOTH THE UPSTREAM AND DOWNSTREAM ENDS OF THE EXISTING STRUCTURE. THE DITCH BETWEEN THE CONCRETE HEADWALL AND THE EXISTING R.O.W. LINE SHALL BE GRADED AND SHAPED TO PROVIDE POSITIVE DRAINAGE AND THE FENCE LOCATED AT THE DOWNSTREAM END SHALL BE REPLACED WITH WOVEN WIRE FENCE (SPECIAL).

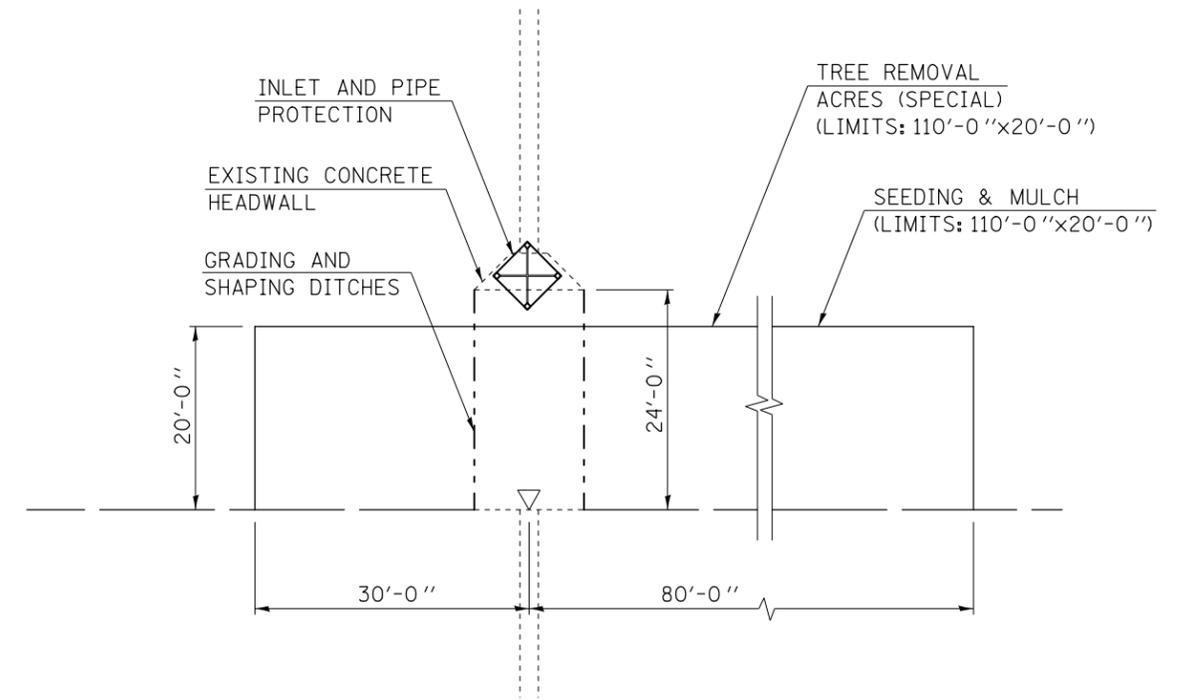
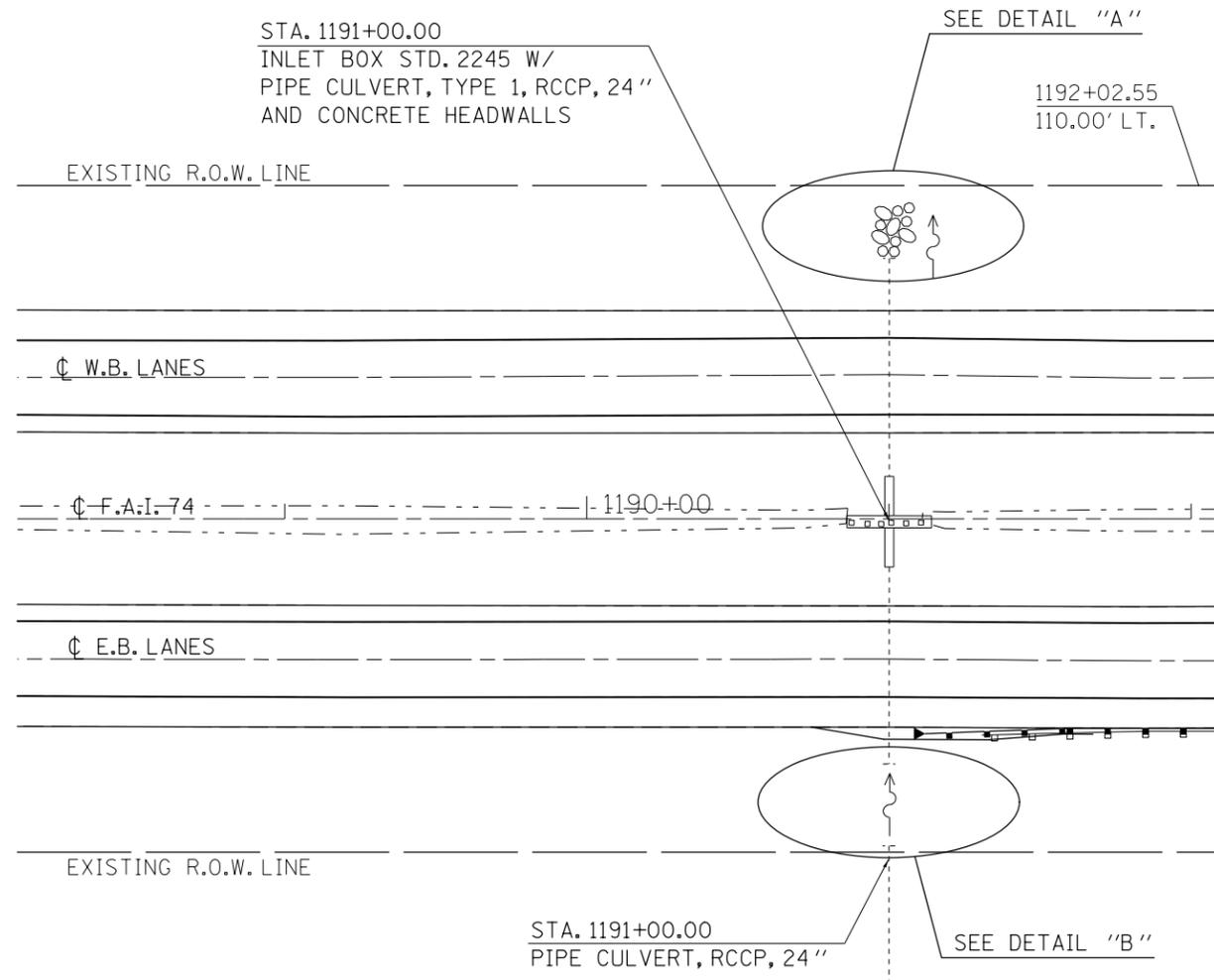


PLAN  
DETAIL "A"

BILL OF MATERIALS

LOCATION # 3; STATION 1191+00.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
21400100	GRADING AND SHAPING DITCHES	FOOT	44.00
25000210	SEEDING, CLASS 2A	ACRE	0.072
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6.48
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6.48
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6.48
25100115	MULCH, METHOD 2	ACRE	0.072
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7.20
28000400	PERIMETER EROSION BARRIER	FOOT	60.00
28000500	INLET AND PIPE PROTECTION	EACH	1.00
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.072
X6650200	WOVEN WIRE FENCE (SPECIAL)	FOOT	50.00
Z0022800	FENCE REMOVAL	FOOT	50.00



PLAN  
DETAIL "B"

**NOTE:**

THE EXISTING STRUCTURE AT STATION 1232+00.00 CONSISTS OF A MEDIAN INLET BOX AND A 24" PIPE CULVERT, TYPE 2, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THE PIPE CULVERT HAS SEPARATED AT THE FIRST TWO JOINTS FROM THE UPSTREAM (NORTH) END AND IS CAUSING SINKHOLES IN THE FORESLOPE. ALSO, AT THE DOWNSTREAM END THERE IS APPROXIMATELY 1 FT OF SCOUR AROUND THE TOEWALL WITH DITCH EROSION OCCURRING BETWEEN THE EXISTING R.O.W. LINE AND THE CONCRETE HEADWALL.

THE PROPOSED SCOPE OF WORK AT THE UPSTREAM END IS TO EXCAVATE TO A DEPTH SUFFICIENT ENOUGH TO CONSTRUCT A CONCRETE COLLAR AROUND THE SEPARATED JOINTS. THE COST OF THE EARTH EXCAVATION AT THIS LOCATION WILL BE PAID FOR SEPARATELY, BUT SHALL NOT EXCEED THE QUANTITY SPECIFIED.

AT THE DOWNSTREAM END, THE CHANNEL SHALL BE RE-GRADED TO ACCEPT A TREATMENT OF CLASS A4 RIPRAP THAT EXTENDS FROM THE DOWNSTREAM CONCRETE HEADWALL TO THE 15" CMP AT THE EXISTING R.O.W. LINE. THE RIPRAP ELEVATION AT THE UPSTREAM END SHALL MATCH THE CONCRETE HEADWALL INVERT AND THE RIPRAP ELEVATION AT THE DOWNSTREAM END SHALL MATCH THE PIPE CULVERT INVERT. EARTHWORK REQUIRED FOR RIPRAP OPERATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO STONE RIPRAP, CLASS A4.

AT THIS LOCATION, THE SECTION OF FENCE THAT IS DAMAGED SHALL ALSO BE REMOVED AND REPLACED.

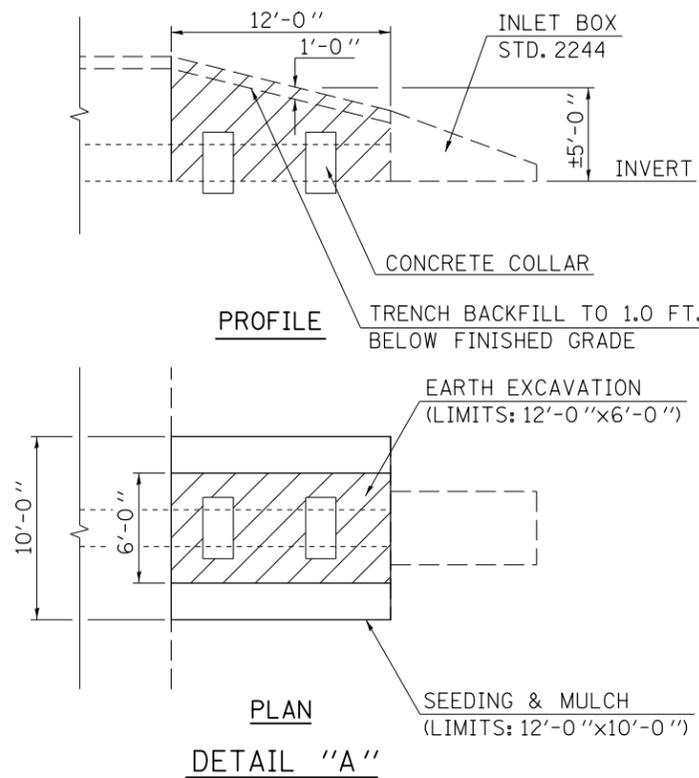
**DRAINAGE STRUCTURE IMPROVEMENT DETAIL**

**LOCATION #4 STA. 1232 + 00.00**

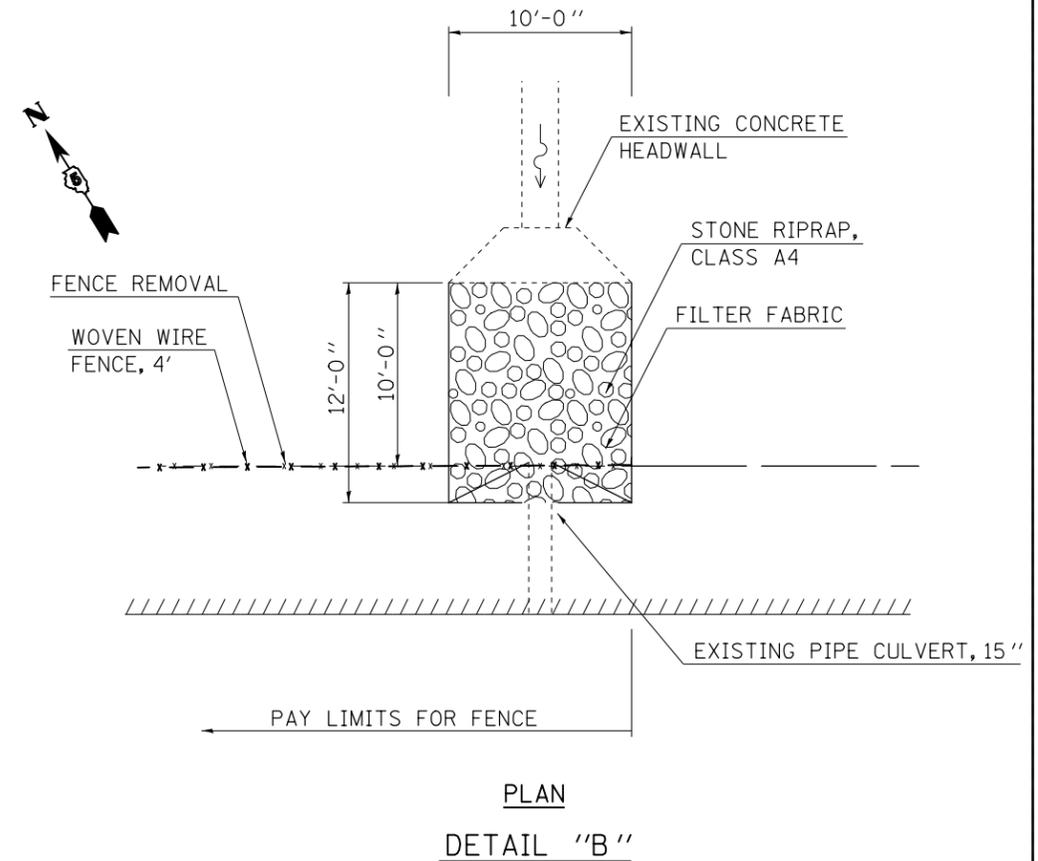
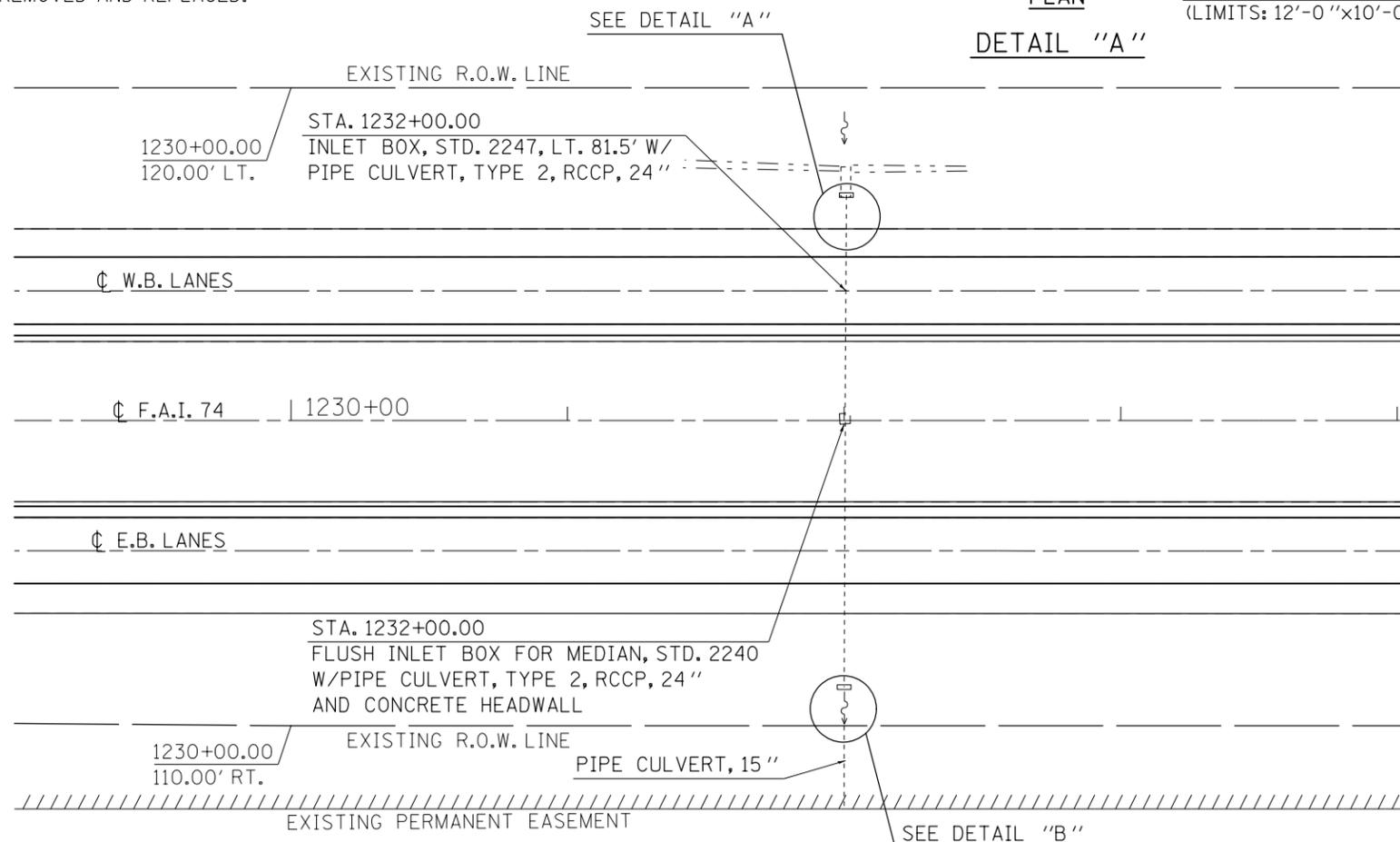
**BILL OF MATERIALS**

LOCATION # 4; STATION 1232+00.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	14.00
20800150	TRENCH BACKFILL	CU YD	13.00
25000210	SEEDING, CLASS 2A	ACRE	0.003
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.27
25100115	MULCH, METHOD 2	ACRE	0.003
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.30
28100107	STONE RIPRAP, CLASS A4	SQ YD	14.00
28200200	FILTER FABRIC	SQ YD	14.00
54248510	CONCRETE COLLAR	CU YD	0.90
66500105	WOVEN WIRE FENCE, 4'	FOOT	60.00
Z0022800	FENCE REMOVAL	FOOT	60.00



EARTH EXCAVATION



# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #5 STA. 112+00.00

### BILL OF MATERIALS

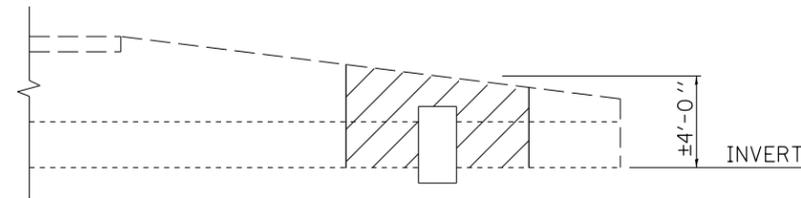
**NOTE:**

THE EXISTING STRUCTURE AT STATION 112+00.00 CONSISTS OF A MEDIAN INLET BOX AND A 24" PIPE CULVERT, TYPE 2, R.C.C.P. WITH A PRECAST END SECTION. THE MEDIAN INLET IS IN GOOD CONDITION, BUT THE PIPE CULVERT AT THE DOWNSTREAM (NORTH) END HAS SEPARATED BETWEEN THE FIRST TWO SECTIONS OF PIPE AND IS CAUSING A SINKHOLE IN THE FORESLOPE.

THE PROPOSED SCOPE OF WORK IS TO EXCAVATE TO A DEPTH SUFFICIENT ENOUGH TO CONSTRUCT A CONCRETE COLLAR AROUND THE SEPARATED JOINT. THE COST OF THE EARTH EXCAVATION WILL BE PAID FOR SEPARATELY, BUT SHALL NOT EXCEED THE QUANTITY SPECIFIED. ANY EXCAVATION OUTSIDE THE LIMITS SHOWN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

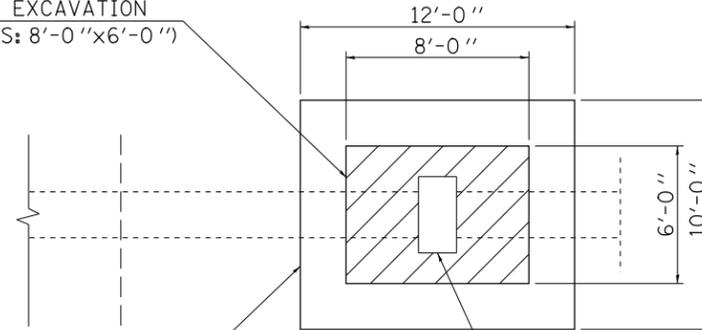
LOCATION # 5; STATION 112+00.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	7.20
25000210	SEEDING, CLASS 2A	ACRE	0.003
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.27
25100115	MULCH, METHOD 2	ACRE	0.003
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.30
54248510	CONCRETE COLLAR	CU YD	0.45



PROFILE

EARTH EXCAVATION  
(LIMITS: 8'-0" x 6'-0")



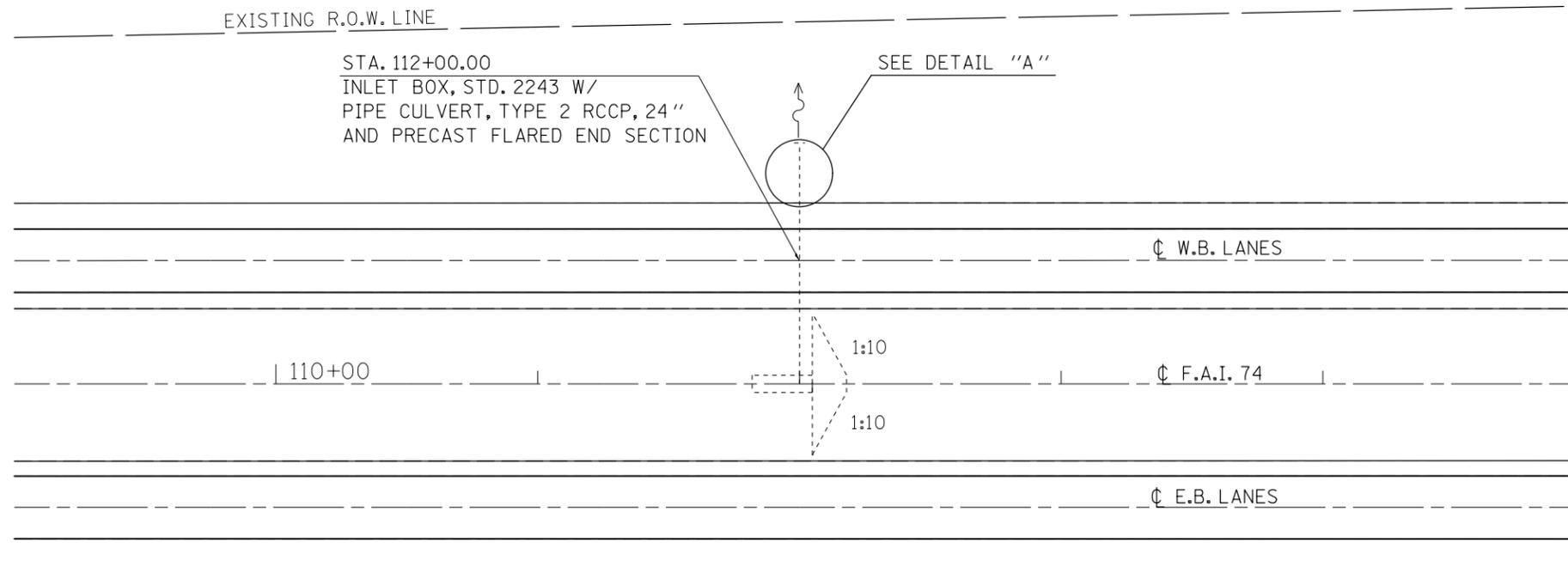
SEEDING & MULCH  
(LIMITS: 12'-0" x 10'-0")

CONCRETE COLLAR

PLAN

DETAIL "A"

EARTH EXCAVATION













# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

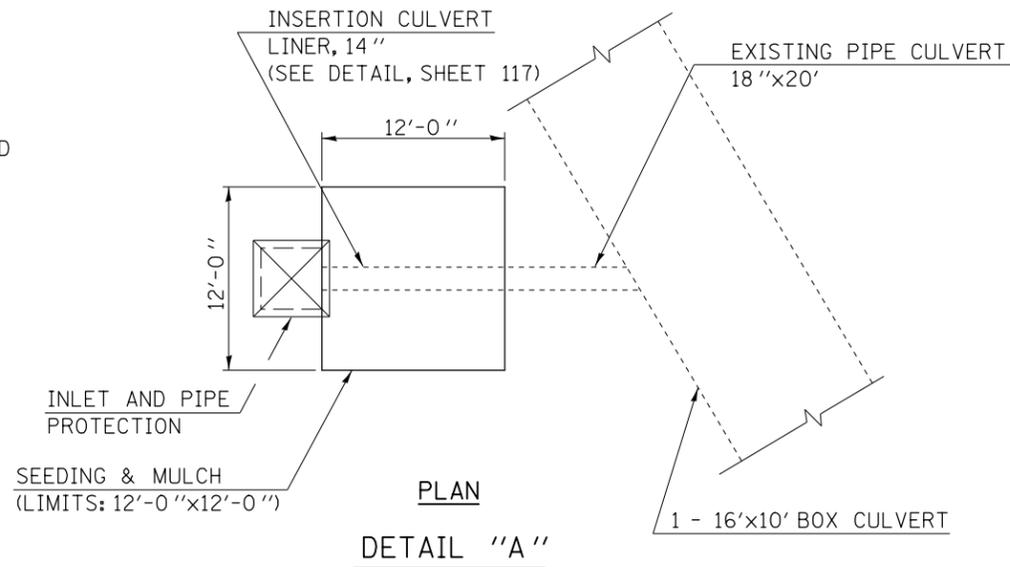
## LOCATION #10 STA. 247+00.00

### BILL OF MATERIALS

**NOTE:**

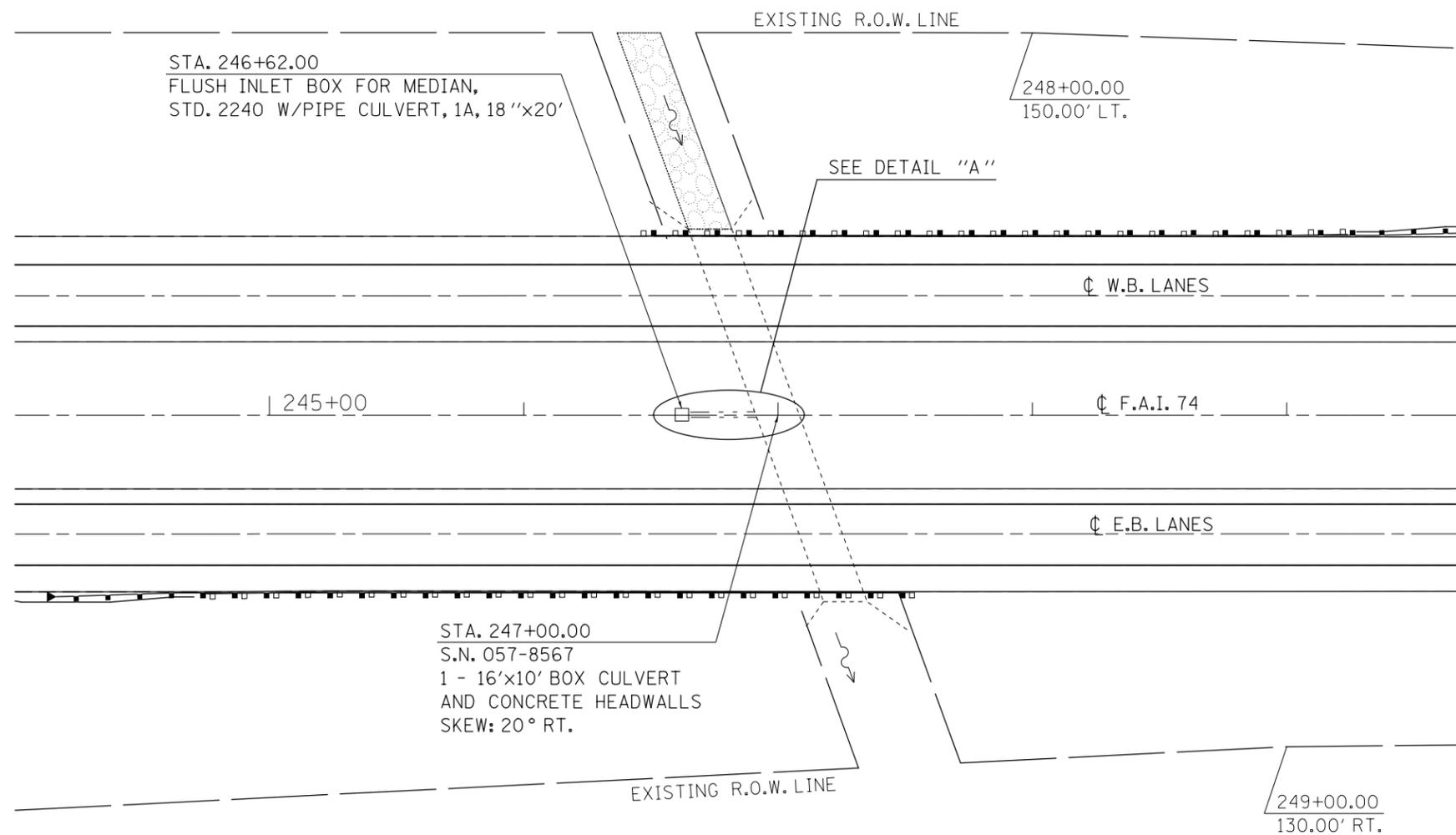
THE EXISTING STRUCTURE AT STATION 247+00.00 CONSISTS OF A MEDIAN INLET BOX WITH A 18" CMP CULVERT THAT DRAINS INTO A 16' X 10' CONCRETE BOX CULVERT. THE 18" CMP CONNECTING THE OFFSET MEDIAN TO THE CONCRETE BOX CULVERT IS HEAVILY RUSTED AND IS BEGINNING TO FAIL. THIS FAILURE IS CAUSING SINK HOLES AND DRAINAGE ISSUES AROUND THE MEDIAN INLET BOX.

THE PROPOSED SCOPE OF WORK IS TO INSERT A CULVERT LINER INTO THE EXISTING CMP TO REMOVE THE CULVERT DEFICIENCY AND TO IMPROVE DRAINAGE. ALL SINK HOLES AROUND THE STRUCTURE SHALL BE FILLED TO FINISH GRADE AND WILL BE PAID FOR SEPARATELY AS FURNISHED EXCAVATION.



LOCATION # 10; STATION 247+00.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	6.00
25000210	SEEDING, CLASS 2A	ACRE	0.003
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.27
25100115	MULCH, METHOD 2	ACRE	0.003
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.30
28000500	INLET AND PIPE PROTECTION	EACH	1.00
54390110	INSERTION CULVERT LINER, 14"	FOOT	20.00



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE IMPROVEMENT DETAIL LOCATION #10 STA. 247+00.00</b>	F.A.I. RTE. = 74	SECTION = (57-23,57-24)RS-1	COUNTY = MCLEAN	TOTAL SHEETS = 175	SHEET NO. = 112		
	0648-sh-t-str Impr.dgn	DRAWN - BBP	REVISED -			SCALE: 1" = 30'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 70648		
	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
	PLOT DATE = 8/25/2011	DATE - 07/11/11	REVISED -									



# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #12 STA. 9+93.00

BILL OF MATERIALS

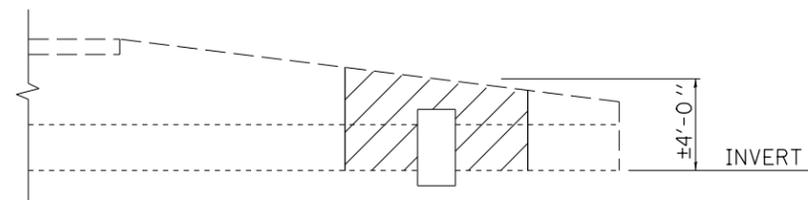
**NOTE:**

THE EXISTING STRUCTURE AT STATION 9+93.00 CONSISTS OF A 24" PIPE CULVERT, TYPE 2, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THE LAST JOINT ON THE UPSTREAM (NORTH) END HAS SEPARATED AND IS CAUSING A SINKHOLE IN THE FORESLOPE.

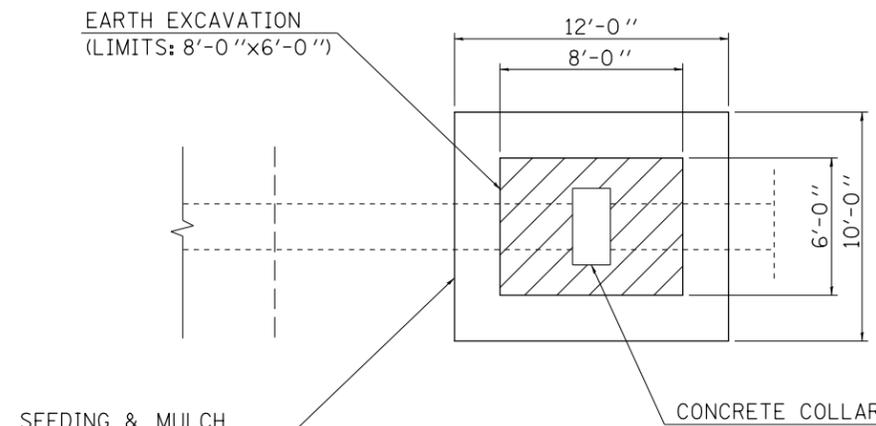
THE PROPOSED SCOPE OF WORK IS TO EXCAVATE TO A DEPTH SUFFICIENT ENOUGH TO CONSTRUCT A CONCRETE COLLAR AROUND THE SEPARATED JOINT. THE COST OF THE EARTH EXCAVATION WILL BE PAID FOR SEPARATELY, BUT SHALL NOT EXCEED THE QUANTITY SPECIFIED. ANY EXCAVATION OUTSIDE THE LIMITS SHOWN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

LOCATION # 12; STATION 9+93.00

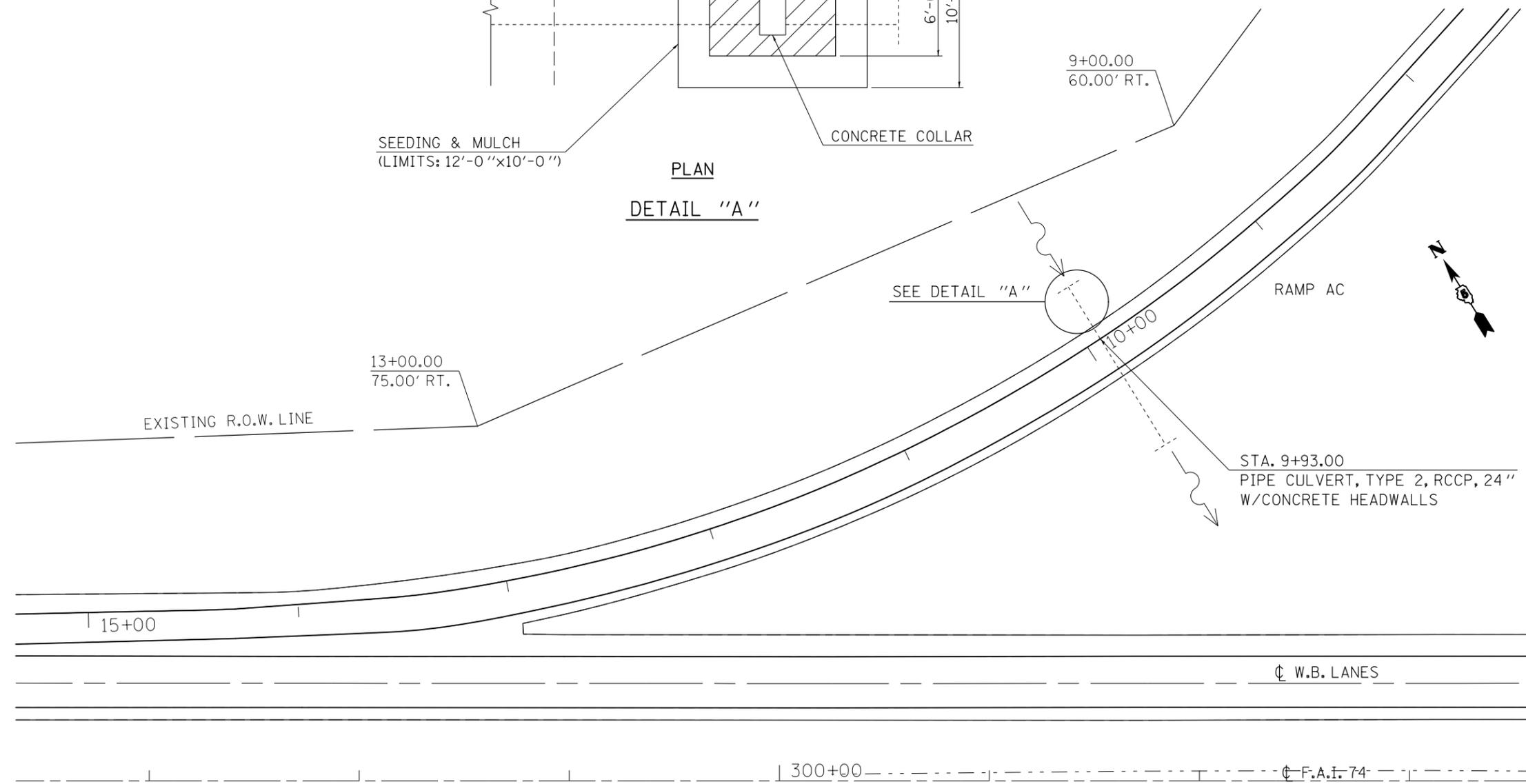
ITEM #	DESCRIPTION	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	7.20
25000210	SEEDING, CLASS 2A	ACRE	0.003
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.27
25100115	MULCH, METHOD 2	ACRE	0.003
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	0.30
54248510	CONCRETE COLLAR	CU YD	0.45



PROFILE



PLAN  
DETAIL "A"





# DRAINAGE STRUCTURE IMPROVEMENT DETAIL

## LOCATION #14 STA. 54+00.00

### BILL OF MATERIALS

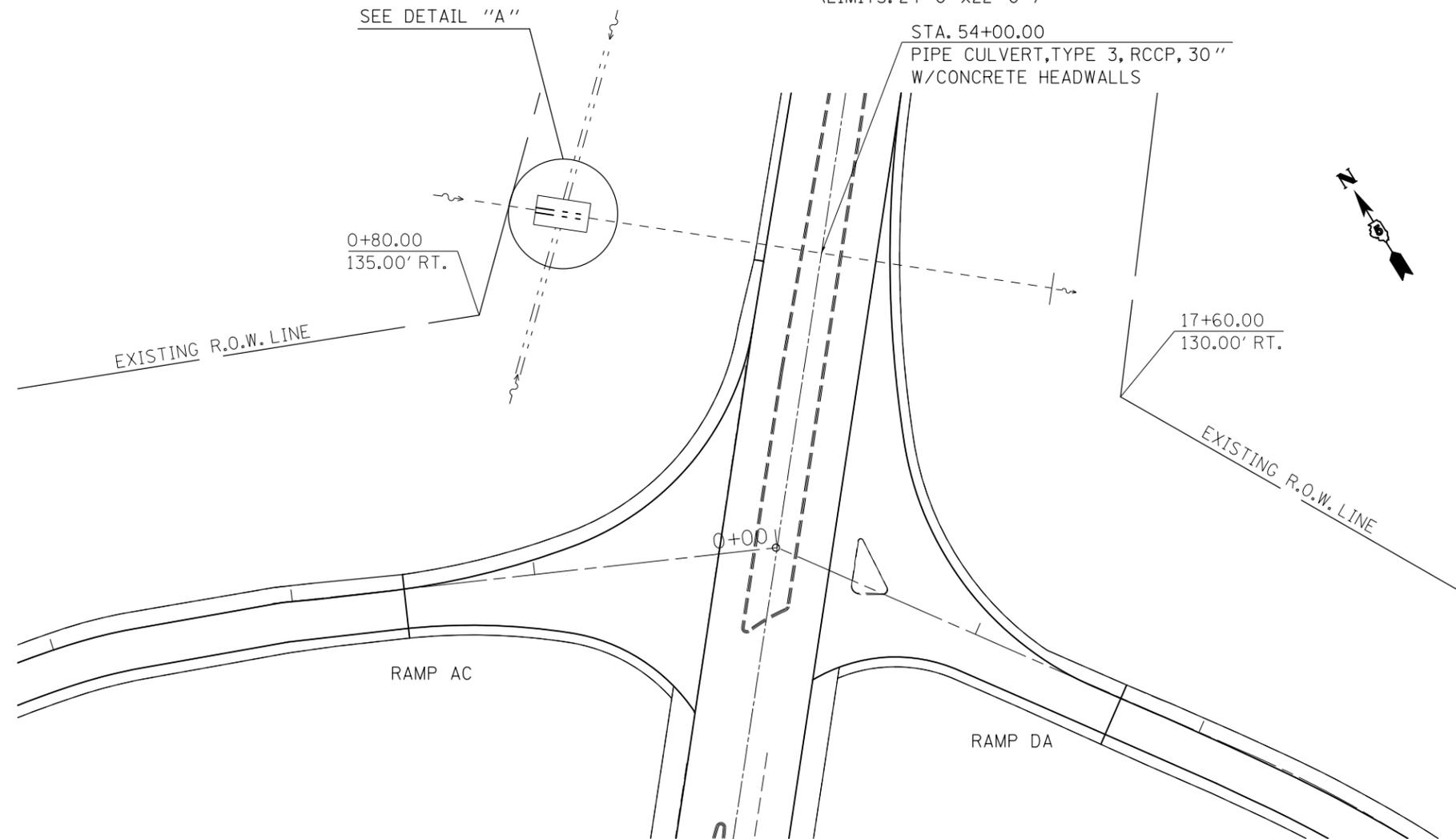
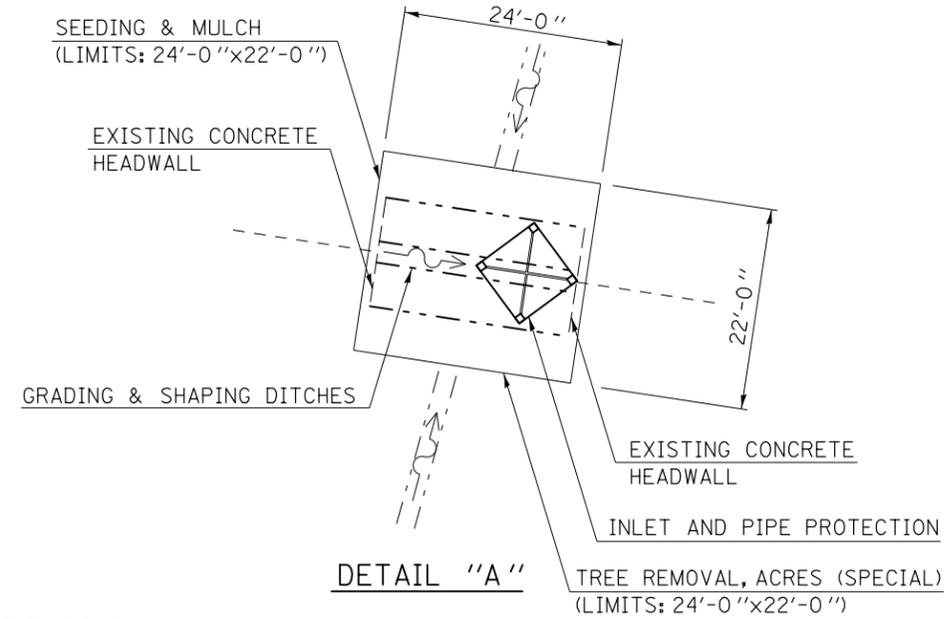
**NOTE:**

THE EXISTING STRUCTURE AT STATION 54+00.00 CONSISTS OF A 30" PIPE CULVERT, TYPE 3, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT THERE ARE SEVERAL WILLOW TREES GROWING AT THE UPSTREAM (WEST) END OF THE STRUCTURE THAT ARE AFFECTING DRAINAGE.

THE PROPOSED SCOPE OF WORK IS TO REMOVE ALL THE TREES AND BRUSH AND TO GRADE AND SHAPE THE DITCH BETWEEN THE EXISTING CONCRETE HEADWALLS TO PROVIDE POSITIVE DRAINAGE.

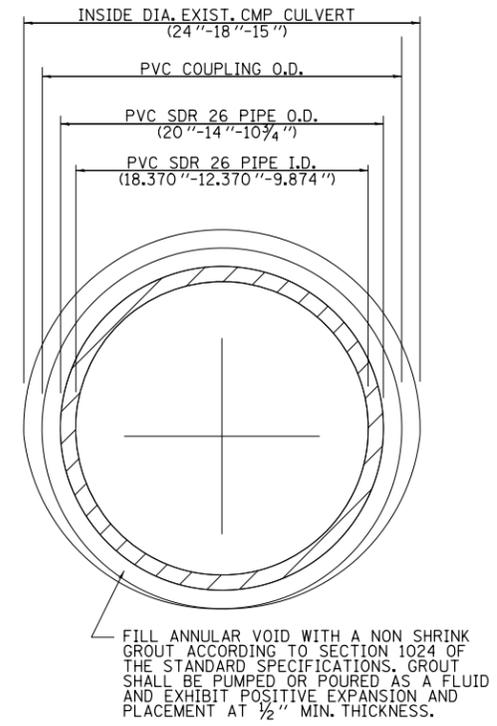
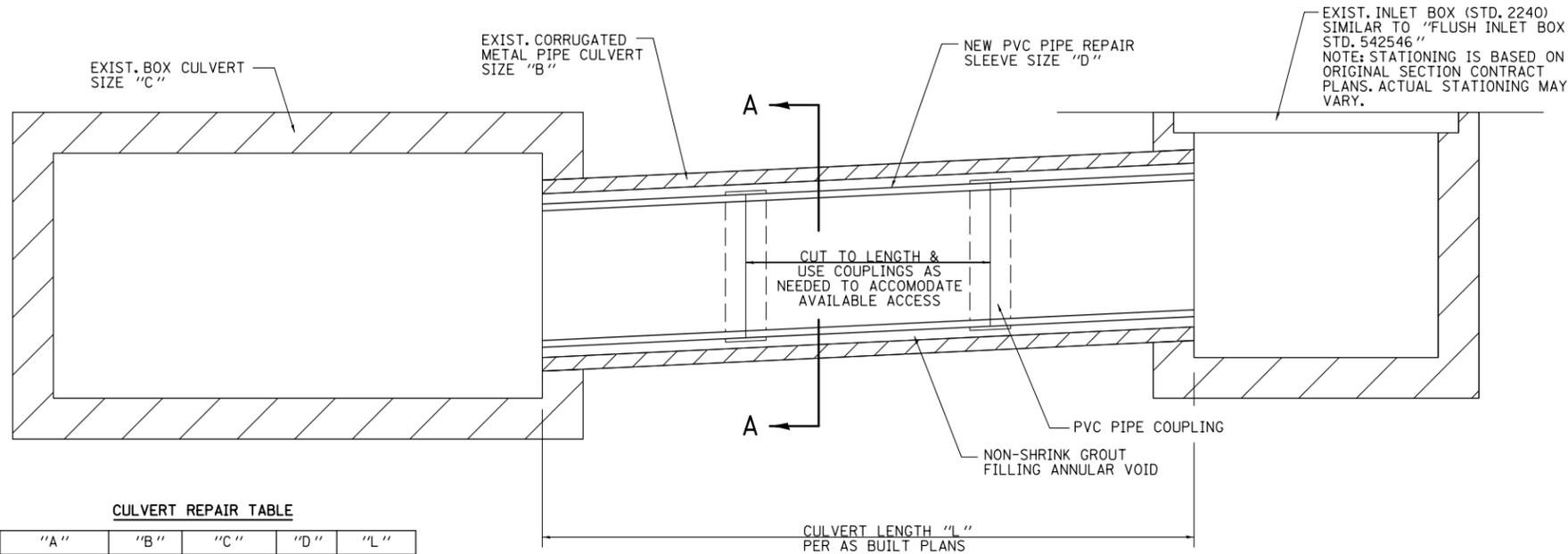
LOCATION # 14; STATION 54+00.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
21400100	GRADING AND SHAPING DITCHES	FOOT	24.00
25000210	SEEDING, CLASS 2A	ACRE	0.012
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1.08
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1.08
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1.08
25100115	MULCH, METHOD 2	ACRE	0.012
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1.20
28000500	INLET AND PIPE PROTECTION	EACH	1.00
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.012



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE IMPROVEMENT DETAIL LOCATION #14 STA. 54+00.00</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - BBP	REVISED -			74	(57-23,57-24)RS-1	MCLEAN	175	116	
		CHECKED -	REVISED -			CONTRACT NO. 70648					
		DATE - 07/11/11	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE = 60.0000' / in.		PLOT DATE = 8/25/2011		SCALE: 1" = 30'		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.			

# DETAIL FOR INSERTION CULVERT LINER



**CULVERT REPAIR TABLE**

"A"	"B"	"C"	"D"	"L"
123+20.00	18"	2 @ 10'x6'	14"	20'-0"
123+20.00	18"	2 @ 10'x6'	14"	20'-0"
247+00.00	18"	16'x10'	14"	20'-0"

## TYP. MEDIAN INLET REPAIR AT EXIST. BOX CULVERTS

## SECTION A-A

**NOTES:**

1. 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.
2. PVC PIPE TO BE SDR 26 SERIES WITH A CELL CLASSIFICATION OF 12454 PER ASTM D1784 AND IN COMPLIANCE WITH ASTM D2241 WITH SOLVENT CEMENTED JOINTS PER ASTM D2672.
3. CONSTRUCTION, METHOD OF MEASUREMENT, AND BASIS OF PAYMENT WILL BE IN ACCORDANCE WITH SECTION 543 OF THE STANDARD SPECIFICATIONS.
4. EXISTING CORRUGATED METAL PIPES TO BE CLEANED OF ANY DEBRIS AND SILT BEFORE LINING. COST OF CLEANING INCLUDED IN CONTRACT UNIT PRICE FOR INSERTION CULVERT LINER.









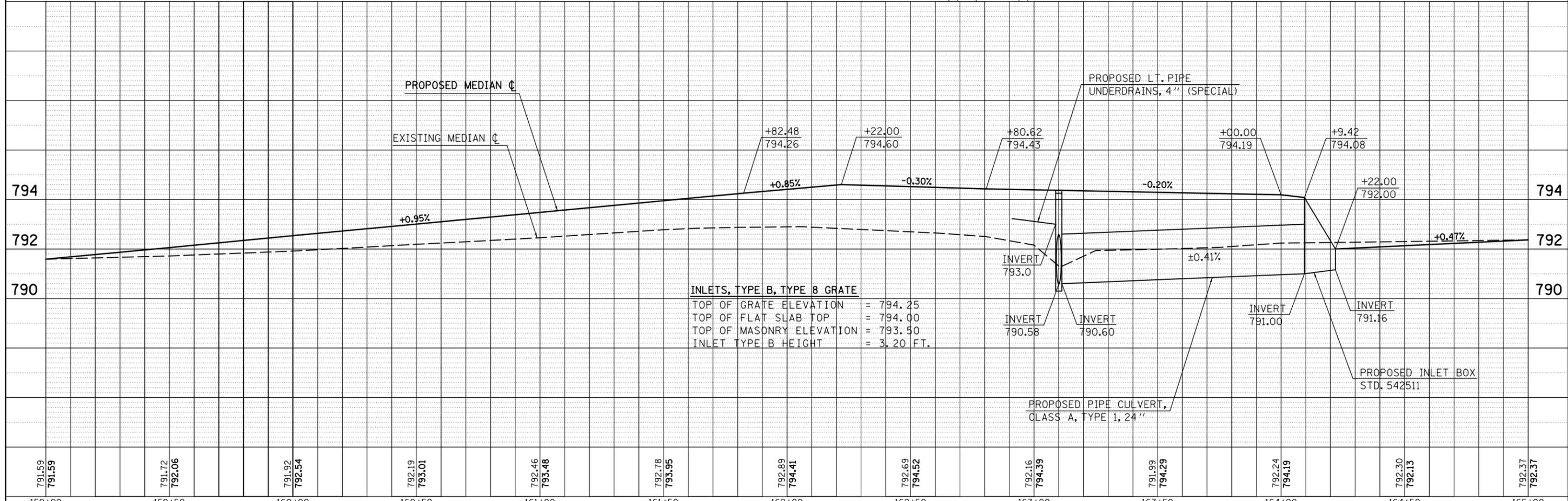
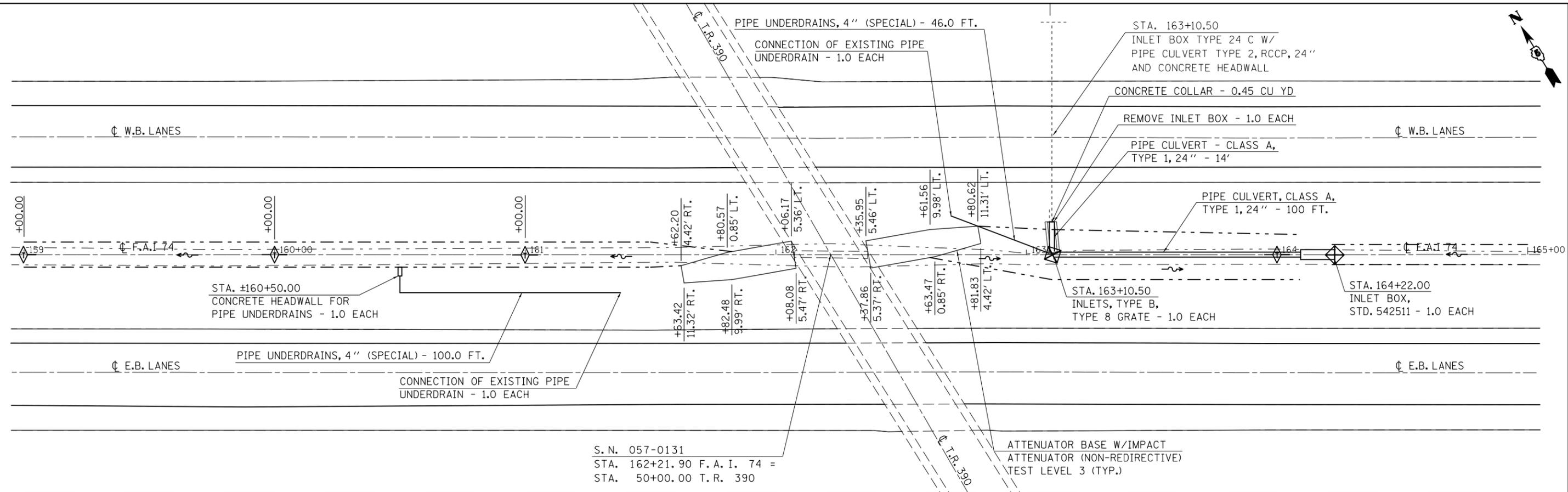






PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	FILE NAME		
	NO.		

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



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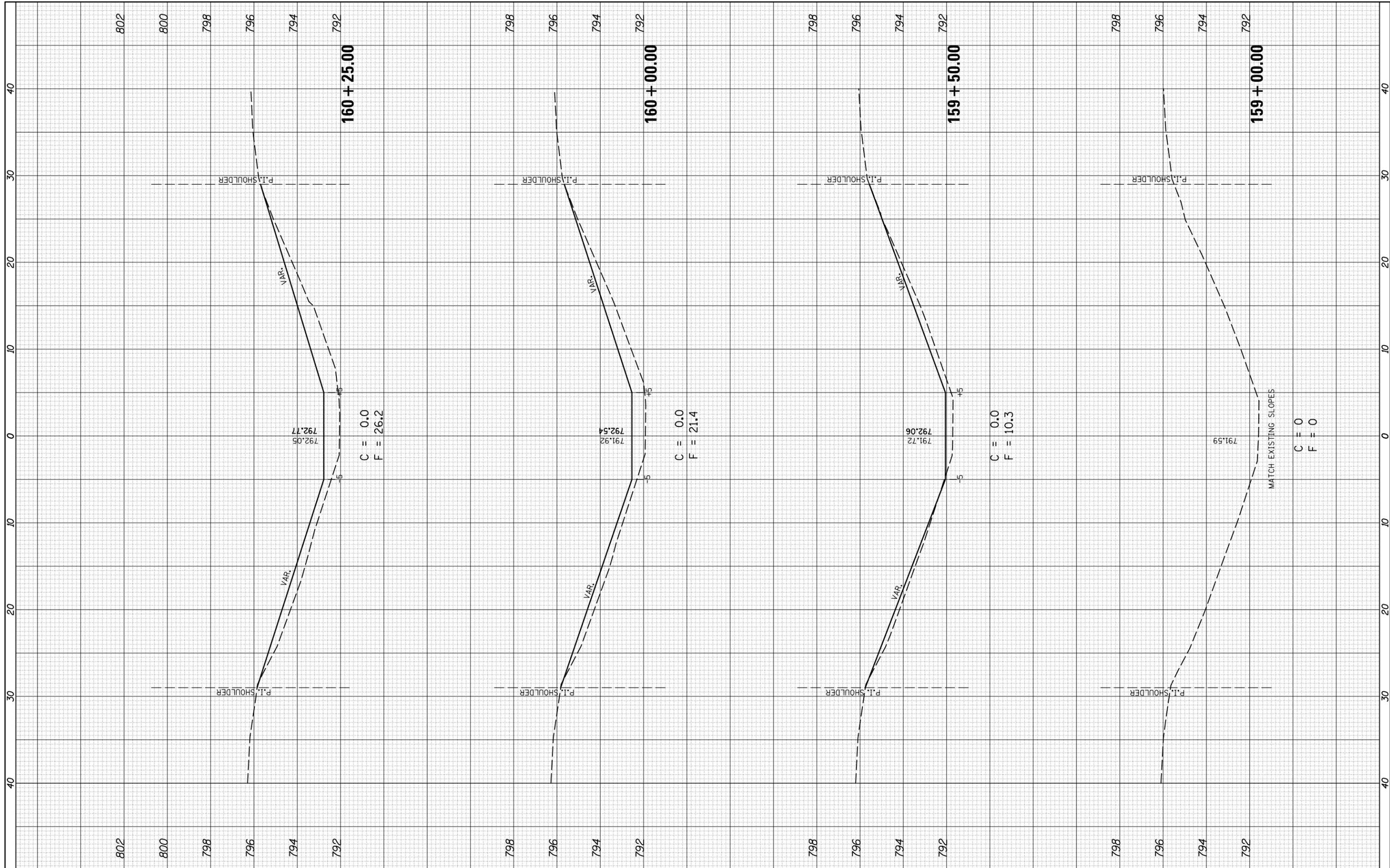
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	PLOT DATE = 8/25/2011	DATE - 07/30/11	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IMPACT ATTENUATORS FOR S.N. 057-0131 PLAN & PROFILE	
SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA. 159+00.00 TO STA. 165+00.00	

F.A.I. RTE. 74	SECTION (57-23,57-24)RS-1	COUNTY MCLEAN	TOTAL SHEETS 175	SHEET NO. 125
CONTRACT NO. 70648			ILLINOIS FED. AID PROJECT	

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

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



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USER NAME = piersonbr  
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 PLOT DATE = 8/25/2011

DESIGNED - GAE  
 DRAWN - BBP  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

S.N. 057-0131  
 SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	126
CONTRACT NO. 70648				
ILLINOIS FED. AID PROJECT				



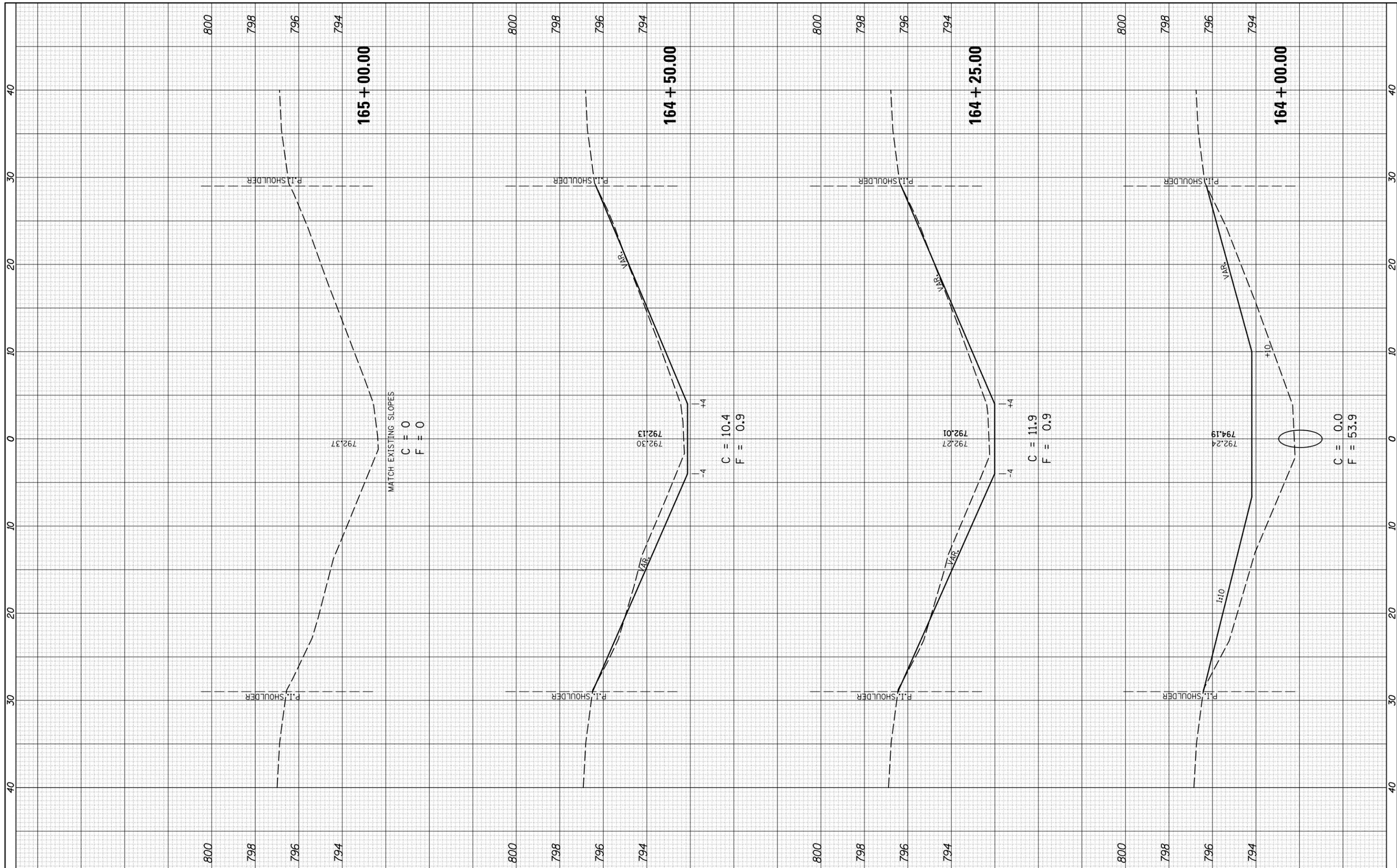






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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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PLOT DATE = 8/25/2011		DATE -	REVISED -

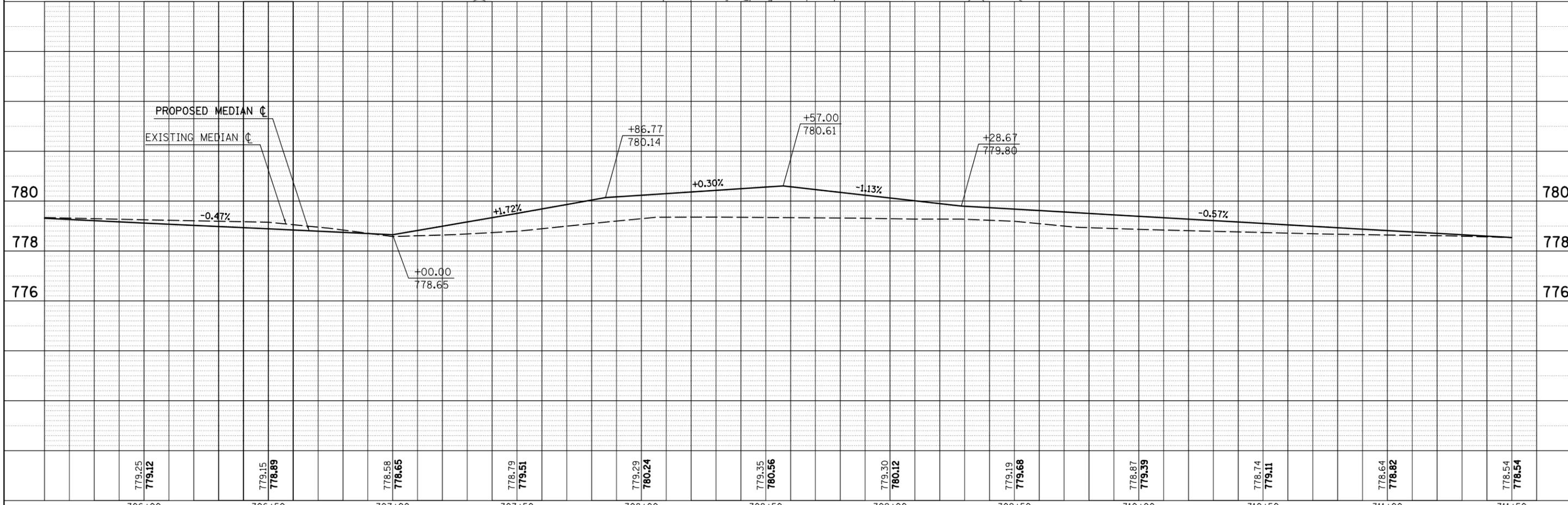
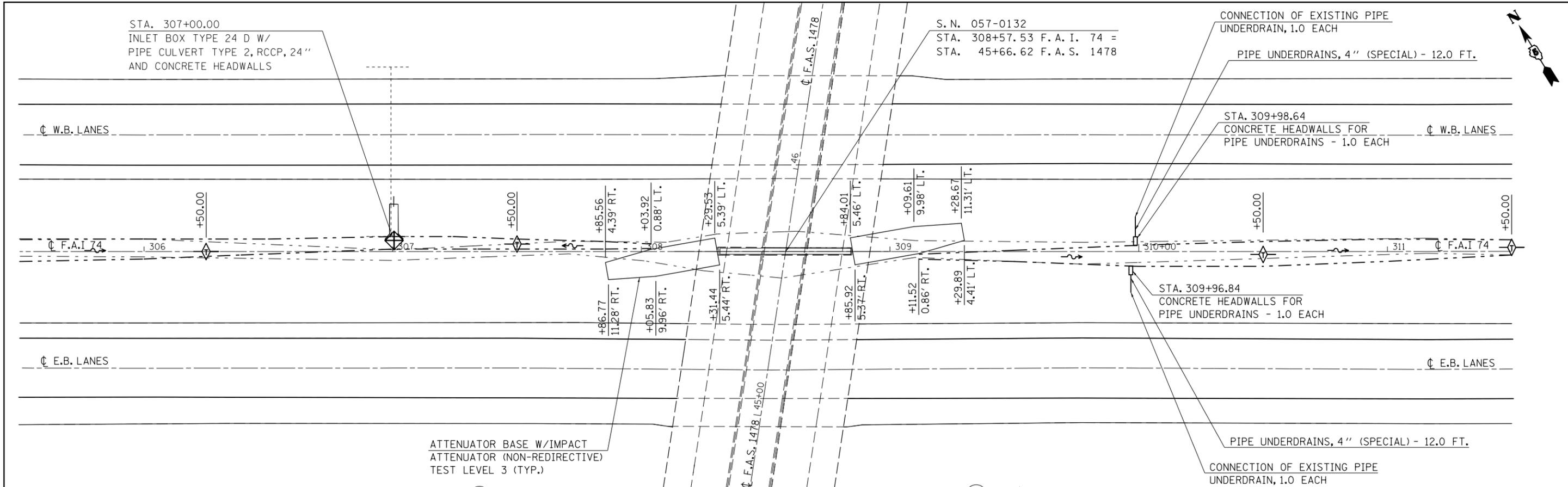
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

S.N. 057-0131	
SCALE:	SHEET NO. 6 OF 6 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	131
CONTRACT NO. 70648			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

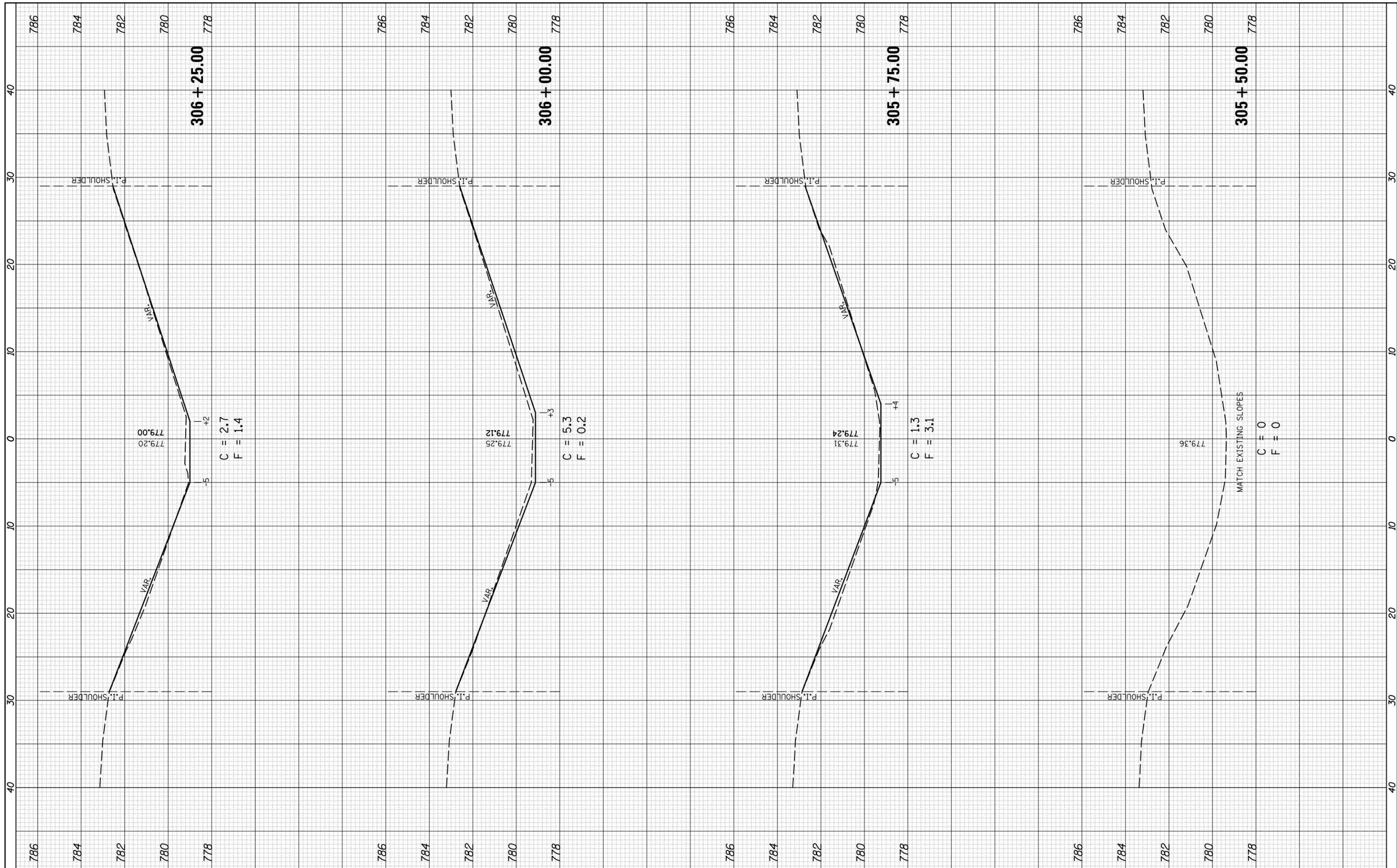
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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FILE NAME =	USER NAME = p1ersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IMPACT ATTENUATORS FOR S.N. 057-0132 PLAN &amp; PROFILE</b>			F.A.I. RTE. 74	SECTION (57-23,57-24)RS-1	COUNTY MCLEAN	TOTAL SHEETS 175	SHEET NO. 132
c:\pwork\pwork\p1ersonbr\d0184863\0570648-sht-plnprf_safety.dgn	PLOT SCALE = 40.0000' / in.	DRAWN - BBP	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA. 305+50.00 TO STA. 311+50.00	CONTRACT NO. 70648		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/25/2011	CHECKED -	REVISED -									
		DATE - 05/12/10	REVISED -									

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

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



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USER NAME = piersonbr  
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 PLOT DATE = 8/25/2011

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

**S.N. 057-0132**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	133
CONTRACT NO. 70648			ILLINOIS FED. AID PROJECT	



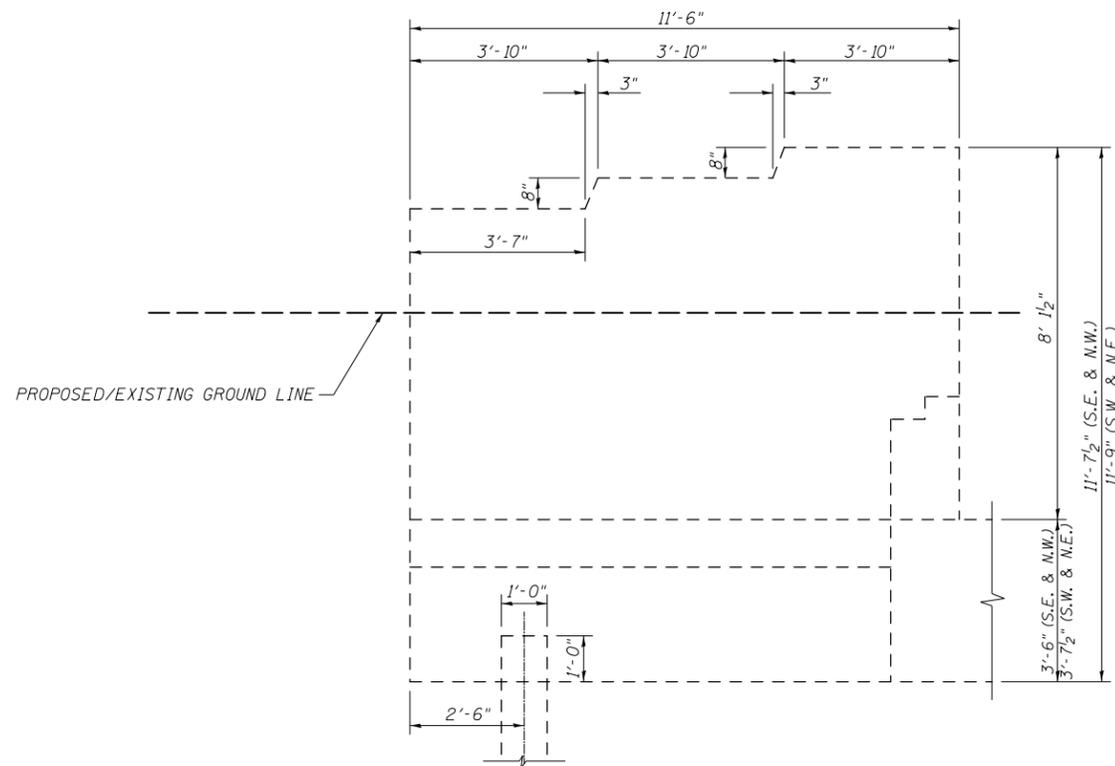




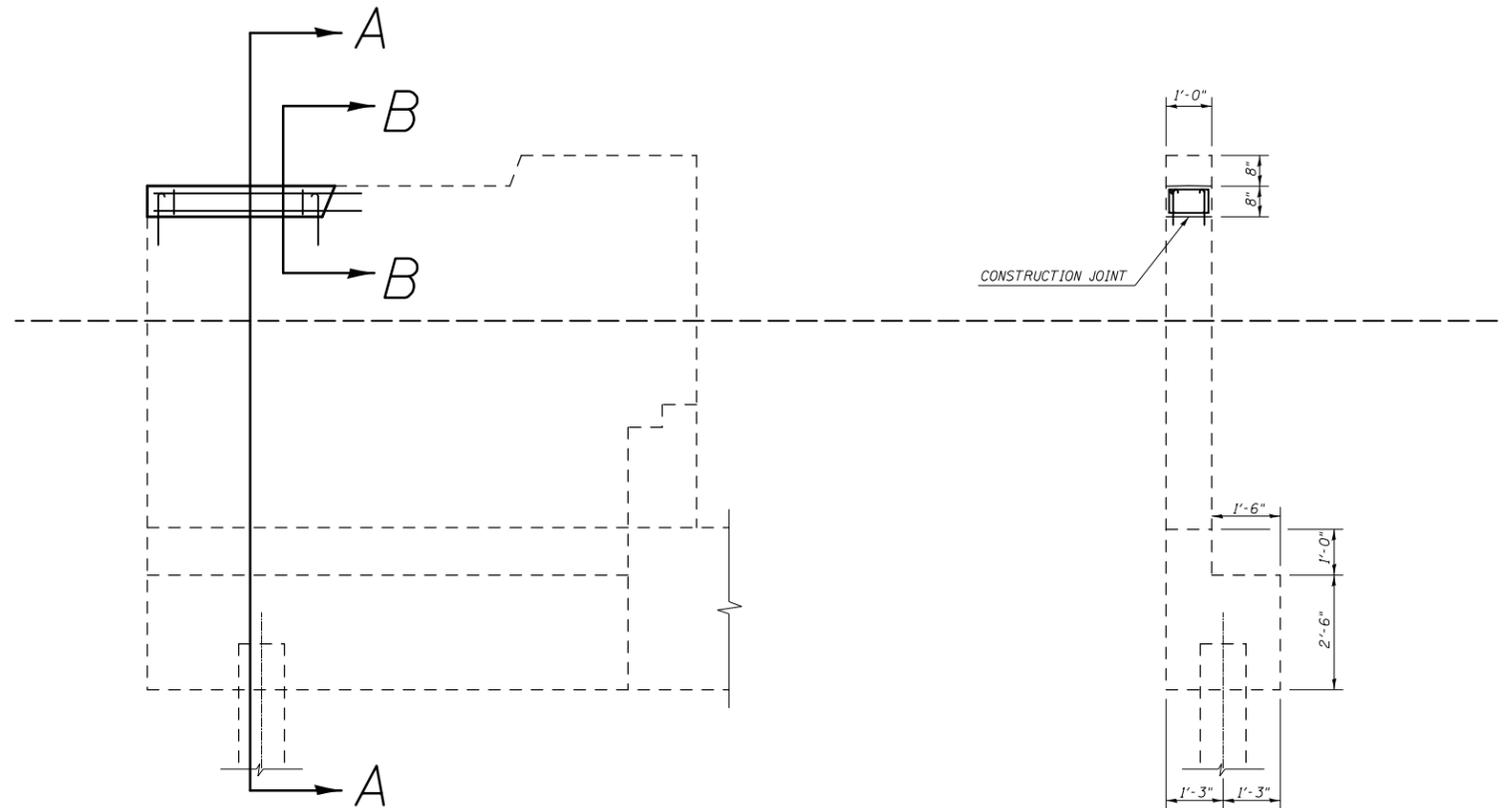




# S.N. 057-0130 WINGWALL EXTENSION FOR TYPE 6 GUARDRAIL TERMINAL

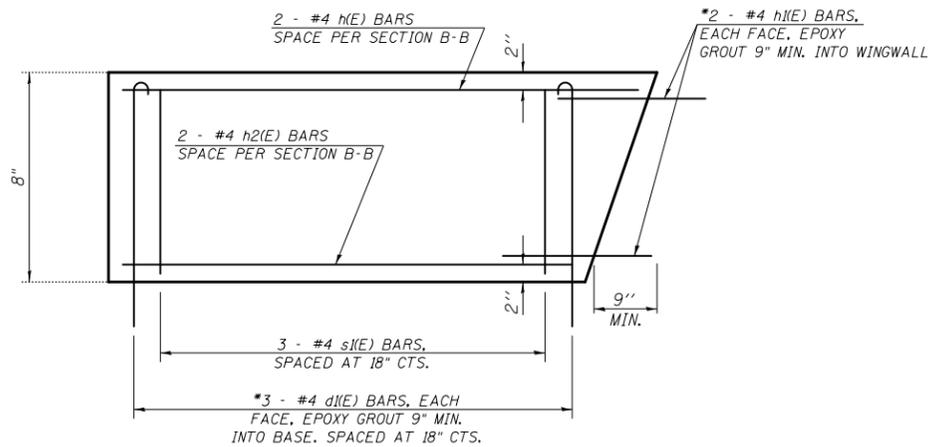


**EXISTING ELEVATION**

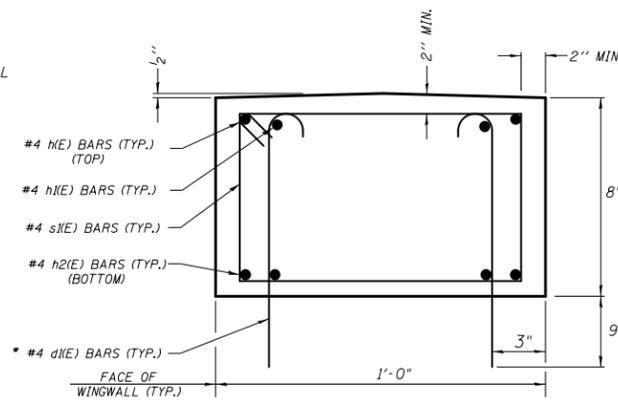


**PROPOSED ELEVATION**

**SECTION A-A**

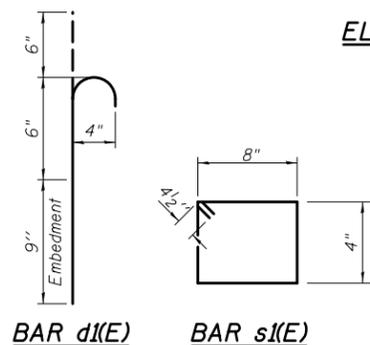


**ELEVATION AT WINGWALL**



**SECTION B-B**

\* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.



## GENERAL NOTES

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

THE COST OF EPOXY GROUTING BARS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR GR 60. SEE SPECIAL PROVISIONS.

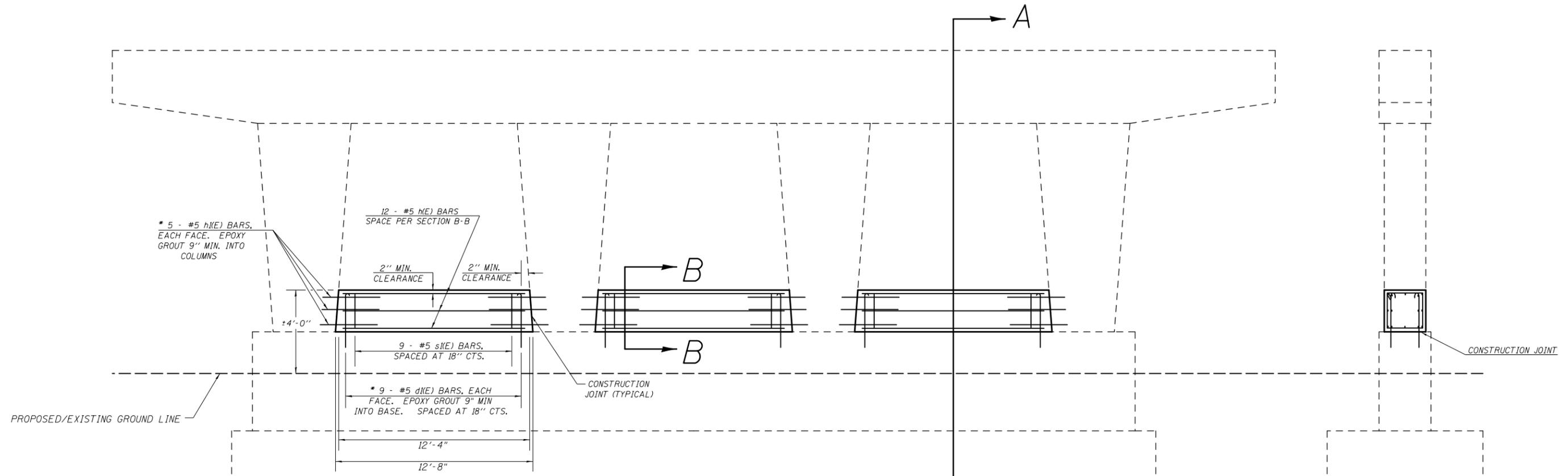
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

BILL OF MATERIALS				
BAR	SHAPE	NO.	SIZE	LENGTH
d1(E)		24	#4	1'-9"
h(E)		8	#4	3'-7"
h1(E)		16	#4	2'-5"
h2(E)		8	#4	3'-4"
s1(E)		12	#4	2'-9"
CONCRETE STRUCTURES		CU. YDS.	0.4	
REINFORCEMENT BARS, EPOXY COATED		LBS.	113.0	

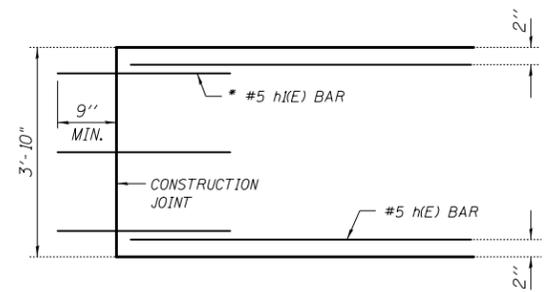
BILL OF MATERIAL QUANTITIES INCLUDE ALL 4 WINGWALLS ON S.N. 057-0130



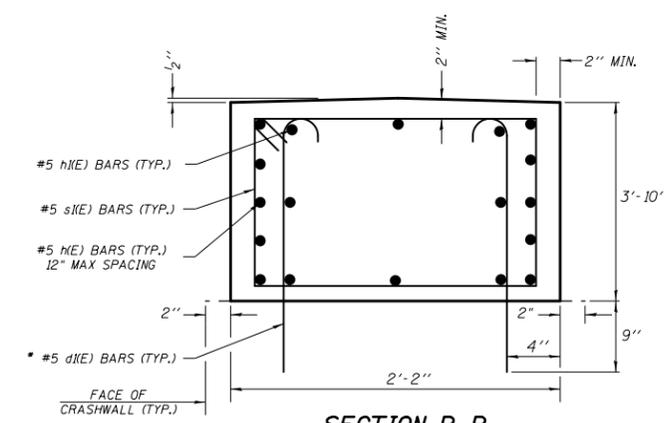
# S.N. 057-0132 MEDIAN PIER CRASHWALL EXTENSION



**SECTION A-A**



**ELEVATION AT COLUMN**



**SECTION B-B**

\* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

BILL OF MATERIALS				
BAR	SHAPE	NO.	SIZE	LENGTH
d1(E)		54	#5	5'-0"
h(E)		36	#5	12'-0"
h1(E)		60	#5	2'-9"
s1(E)		27	#5	11'-7"
CONCRETE STRUCTURES		CU. YDS.	11.6	
REINFORCEMENT BARS, EPOXY COATED		LBS.	1230	

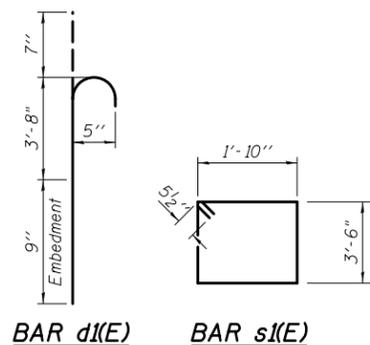
### GENERAL NOTES

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

THE COST OF EPOXY GROUTING BARS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

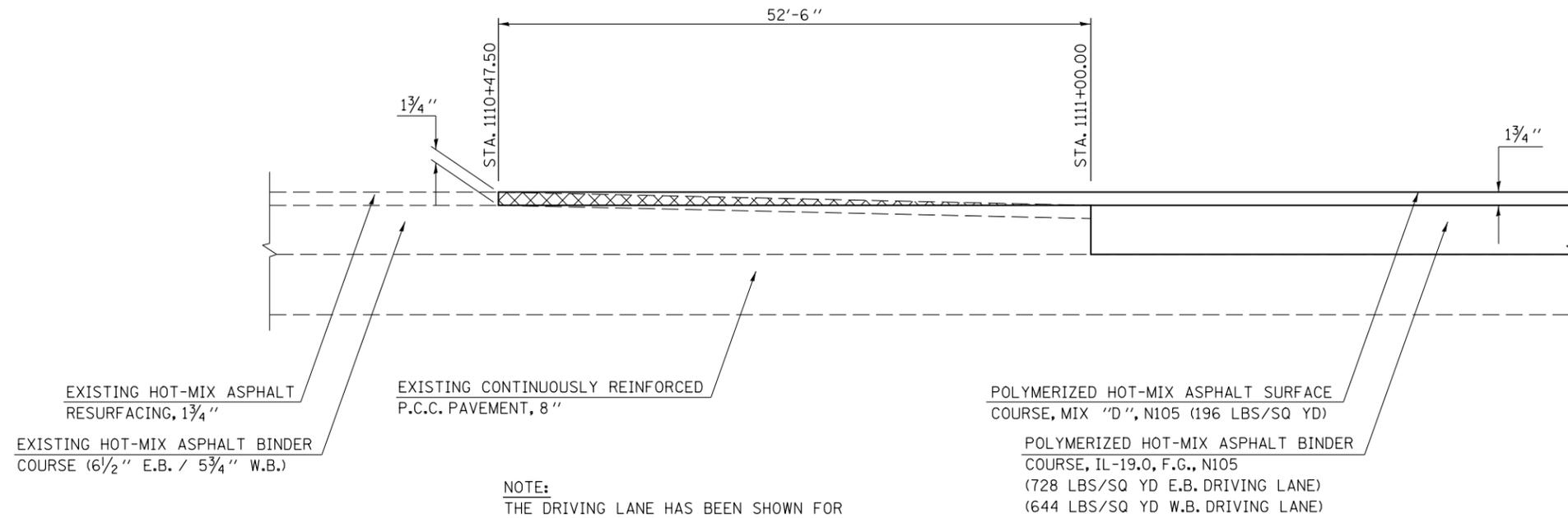
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR GR 60. SEE SPECIAL PROVISIONS.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.



## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT BEGINNING OF PROJECT

STATION TO STATION  
1110+47.50 TO 1111+00.00



HMA SURFACE REMOVAL - BUTT JOINT

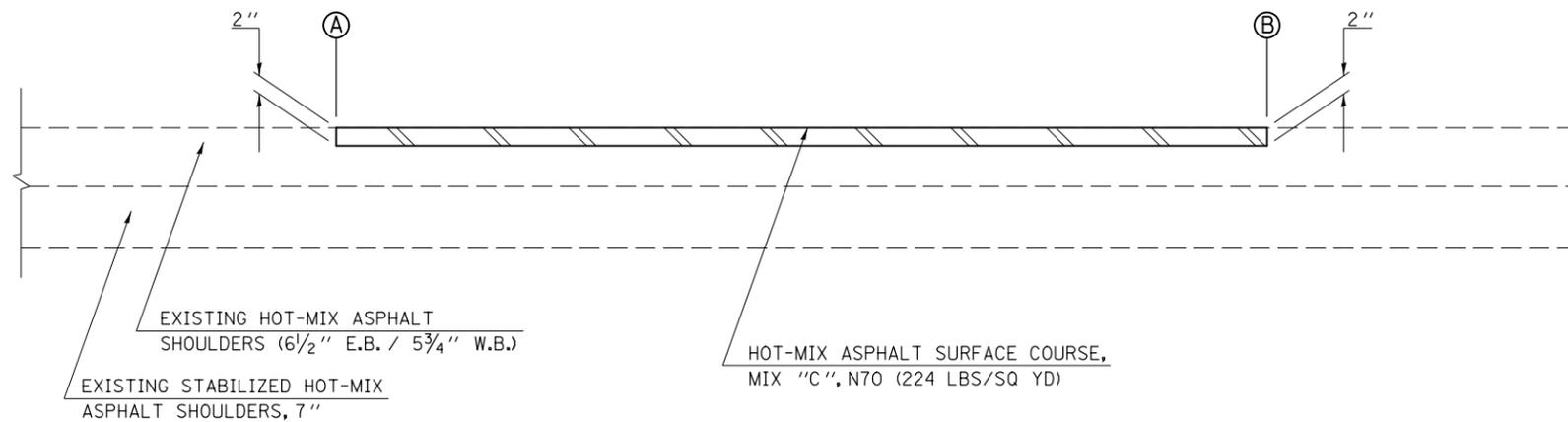
**NOTE:**  
THE DRIVING LANE HAS BEEN SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. THE HOT-MIX ASPHALT REMOVAL BUTT-JOINT ALSO APPLIES TO THE PASSING LANE AND SHOULDERS.

NOT TO SCALE

**NOTE:**  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

## DETAIL FOR I-74 PASSING LANE SHOULDER MILLING /PAVING TRANSITION

	STATION	TO	STATION	
E. B.	(A) 1111+00.00		1125+96.05	(B)
E. B.	(A) 1127+93.71		1241+13.82 (BK)	(B)
W. B.	(A) 1111+00.00		1126+47.10	(B)
W. B.	(A) 1128+14.80		1241+13.87 (BK)	(B)



HMA SURFACE REMOVAL, 2"

NOT TO SCALE

**NOTE:**  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
et:\pwork\pwork\personbr\d0184863\0570648-shit-details.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MILLING & PAVING TRANSITION DETAILS**

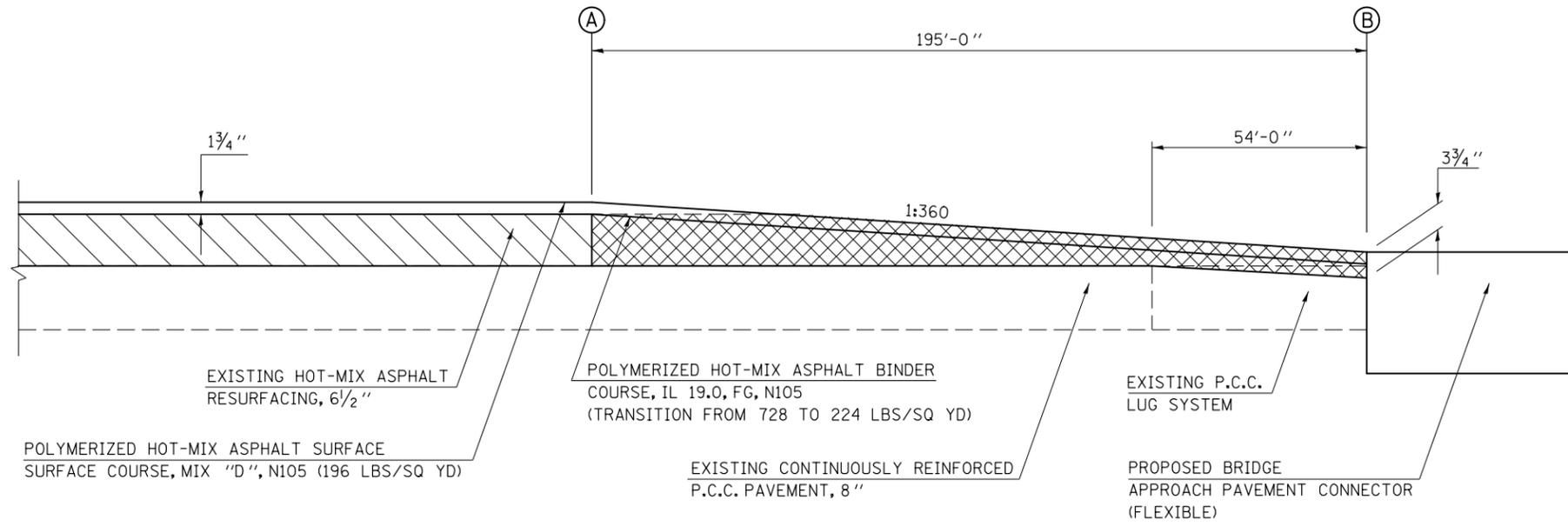
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	142
<b>CONTRACT NO. 70648</b>				
FED. ROAD DIST. NO.      ILLINOIS FED. AID PROJECT				

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0128

### EASTBOUND DRIVING LANE

	STATION	TO	STATION
(A)	1124+01.05		1125+96.05 (B)
(B)	1127+93.71		1129+88.71 (A)



- HMA SURFACE REMOVAL, 6 1/2"
- HMA SURFACE REMOVAL - BUTT JOINT

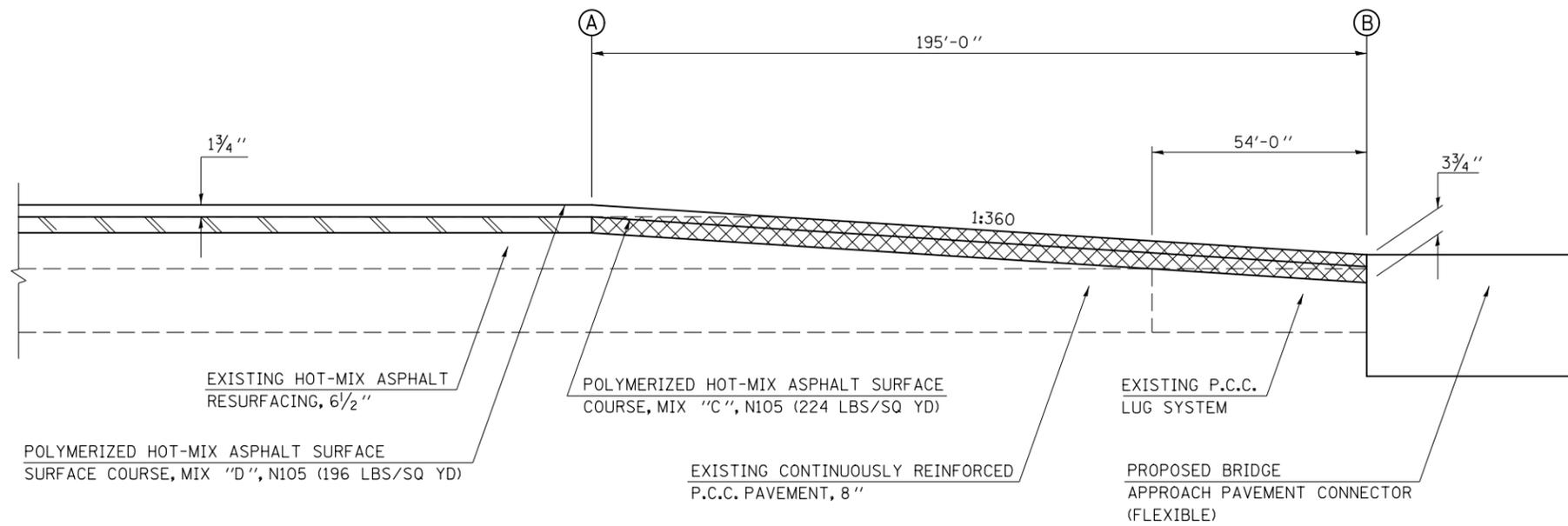
NOT TO SCALE

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0128

### EASTBOUND PASSING LANE

	STATION	TO	STATION
(A)	1124+01.05		1125+96.05 (B)
(B)	1127+93.71		1129+88.71 (A)



- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

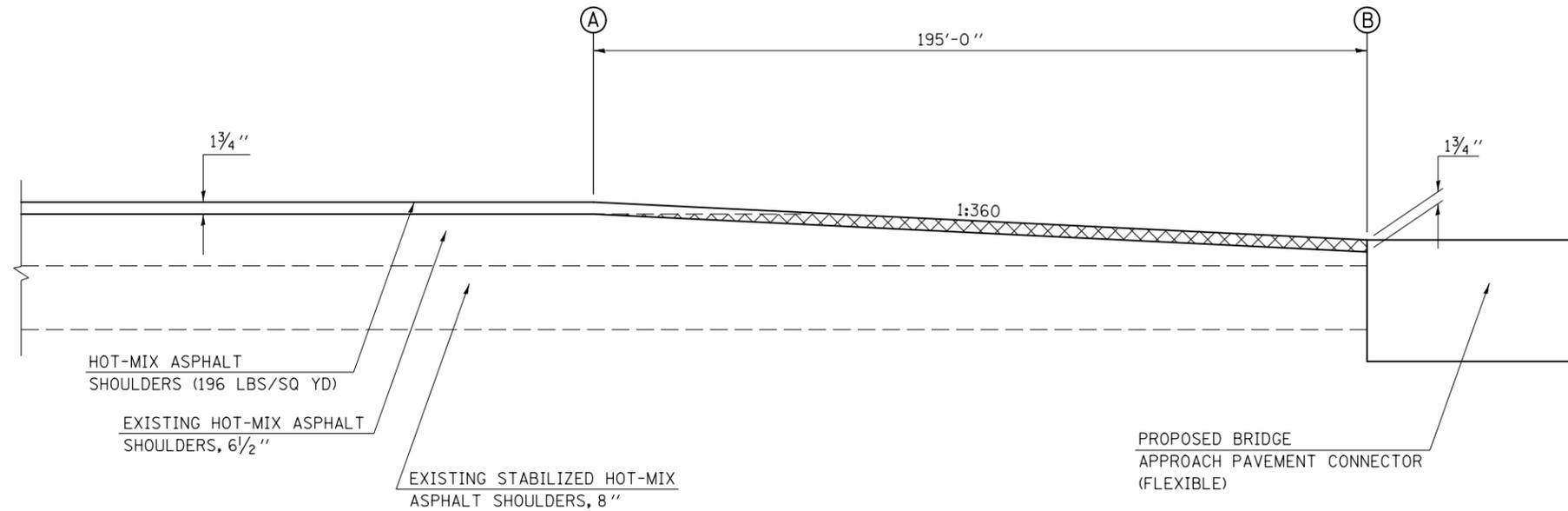
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	et:\pwork\pwork\personbr\0184863\0570648-shit-details.dgn	DRAWN - BBP	REVISED -		SCALE: NONE	SHEET NO. 2 OF 20 SHEETS	STA.	TO STA.	74	(57-23,57-24)RS-1	MCLEAN	175	143
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70648					
	PLOT DATE = 8/26/2011	DATE - 06/24/11	REVISED -					FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		



## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0128

### EASTBOUND DRIVING & PASSING LANE SHOULDER

	STATION	TO	STATION	
Ⓐ	1124+01.05		1125+96.05	Ⓑ
Ⓑ	1127+93.71		1129+88.71	Ⓐ



HMA SURFACE REMOVAL - BUTT JOINT

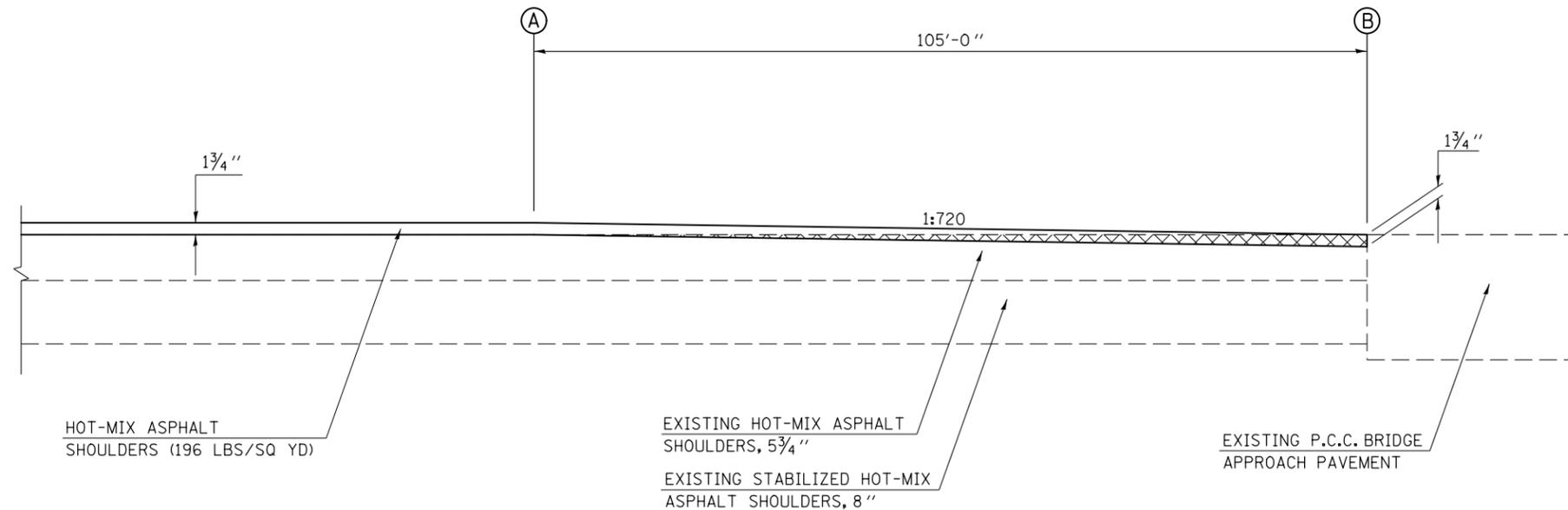
NOT TO SCALE

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0129

### WESTBOUND DRIVING & PASSING LANE SHOULDER

	STATION	TO	STATION	
Ⓐ	1125+42.10		1126+47.10	Ⓑ
Ⓑ	1128+14.80		1129+19.80	Ⓐ



HMA SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\pwork\personbr\0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	145			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70648			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		SCALE: NONE	SHEET NO. 4 OF 20 SHEETS	STA. TO STA.					

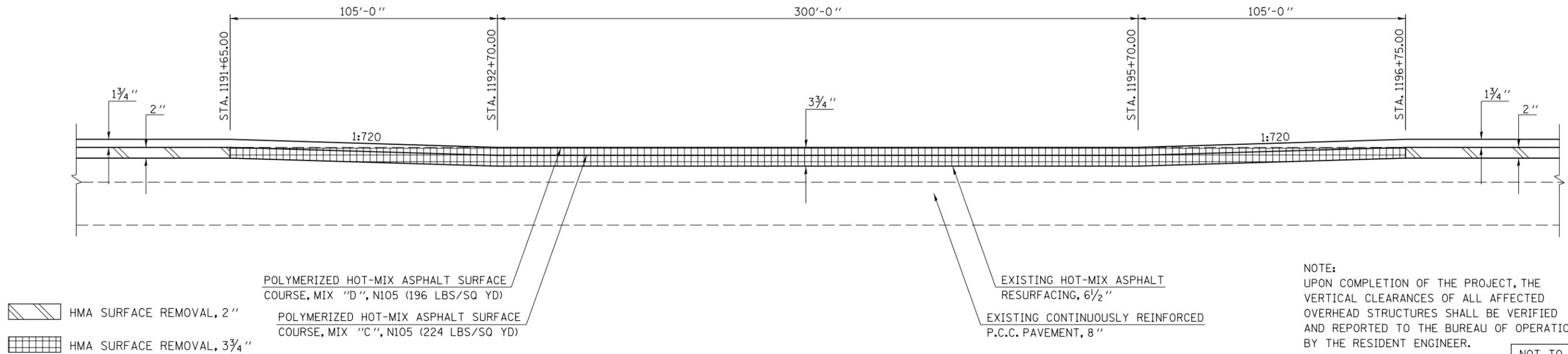
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0130

### EASTBOUND PASSING LANE

STATION TO STATION  
1191+65.00 1196+75.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

NOT TO SCALE

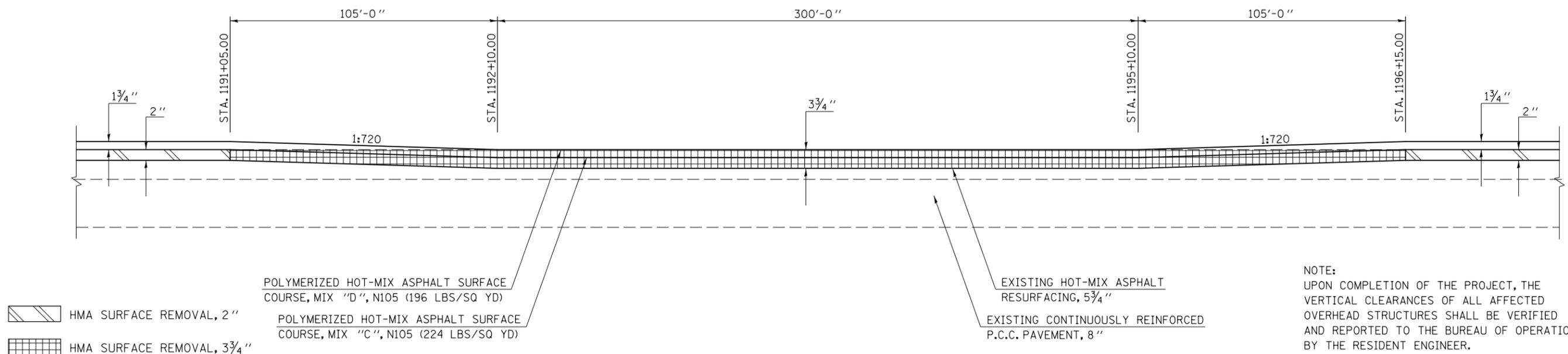
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0130

### WESTBOUND PASSING LANE

STATION TO STATION  
1191+05.00 1196+15.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\pwork\personbr\0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	146	<b>CONTRACT NO. 70648</b>			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: NONE			SHEET NO. 5 OF 20 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -										

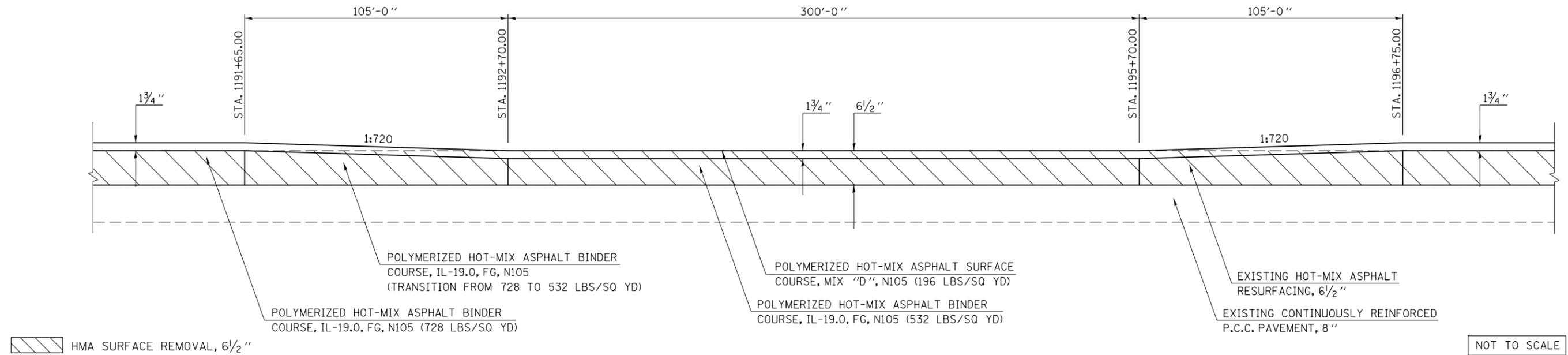
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0130

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

**EASTBOUND DRIVING LANE**  
STATION TO STATION  
1191+65.00 1196+75.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 6 1/2" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



NOT TO SCALE

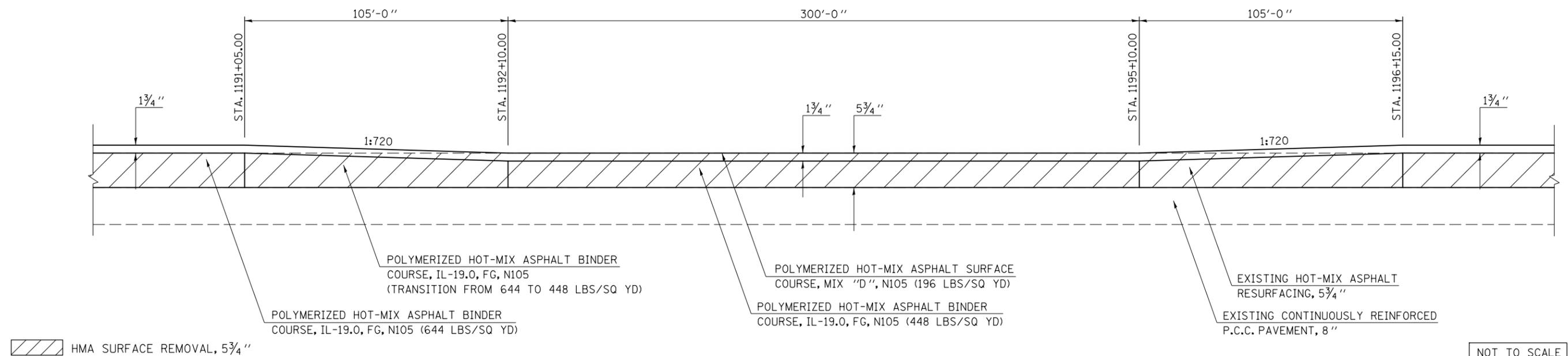
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0130

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

**WESTBOUND DRIVING LANE**  
STATION TO STATION  
1191+05.00 1196+15.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 5 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\pidot\ppersonbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	147			
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70648			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		SCALE: NONE	SHEET NO. 6 OF 20 SHEETS	STA. TO STA.					

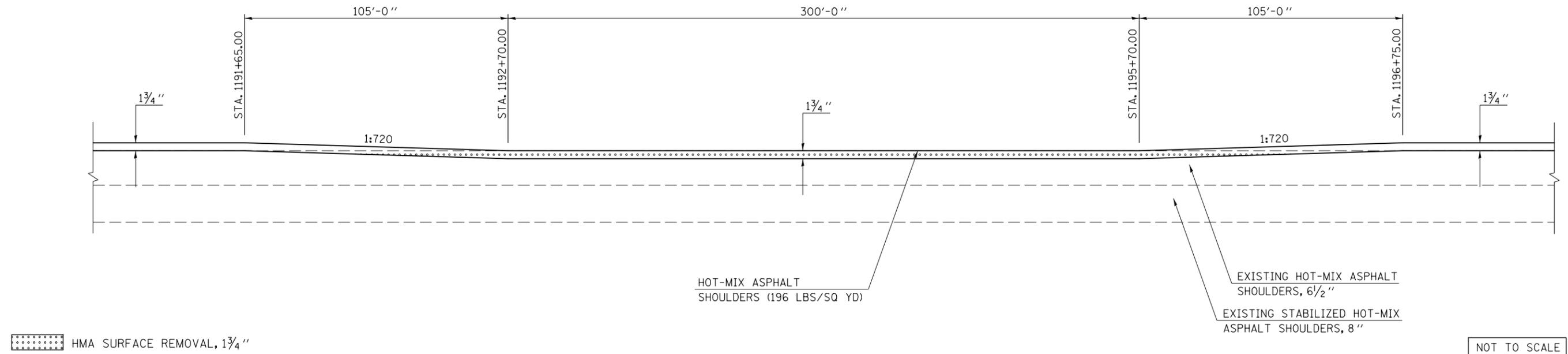
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0130

### EASTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
1191+65.00 1196+75.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



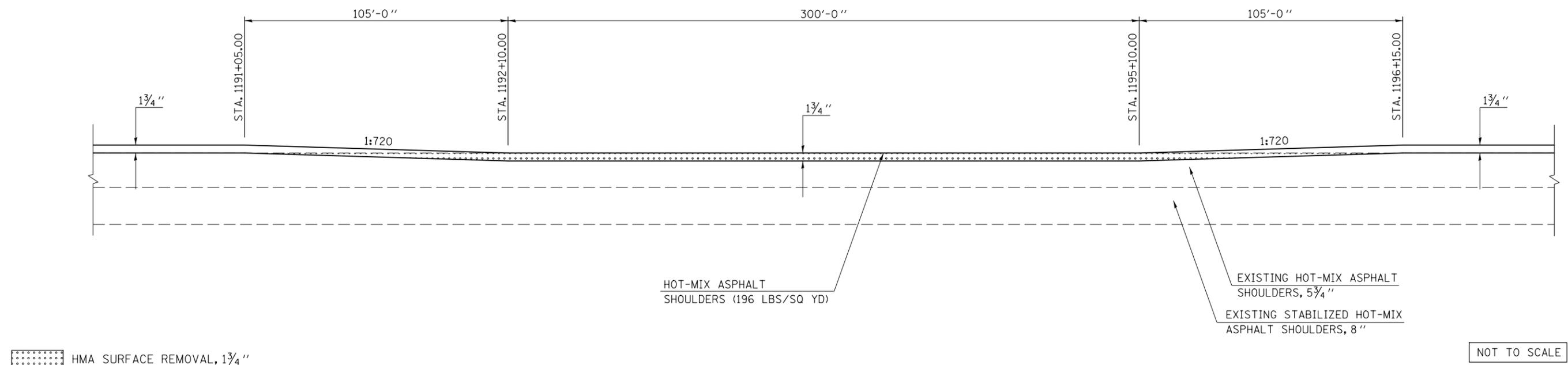
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0130

### WESTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
1191+05.00 1196+15.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



FILE NAME =	USER NAME = piersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\pwidot\piersonbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	148			
PLOT SCALE = 40.0000" / in.		CHECKED -	REVISED -		CONTRACT NO. 70648							
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					



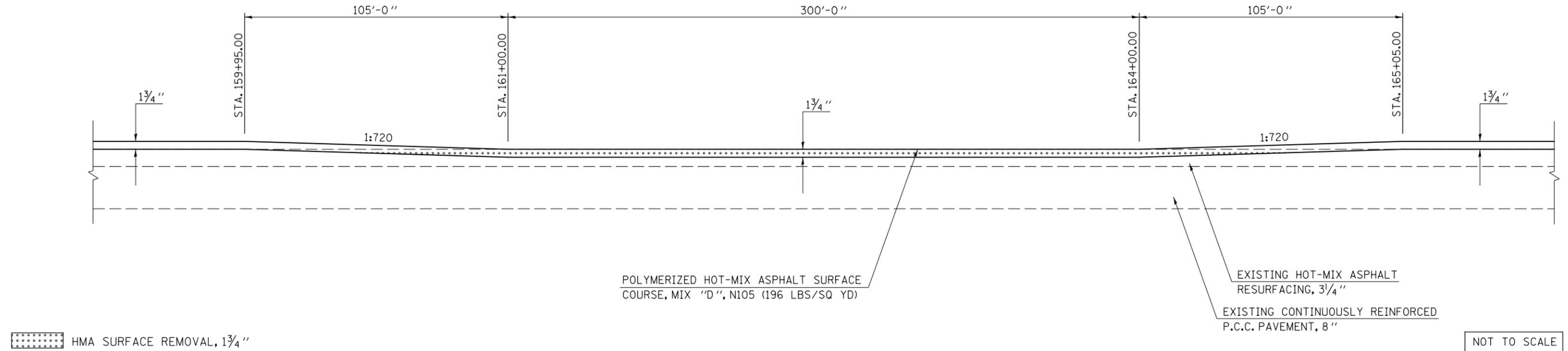
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0131

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

**EASTBOUND DRIVING LANE**  
STATION TO STATION  
159+95.00 165+05.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



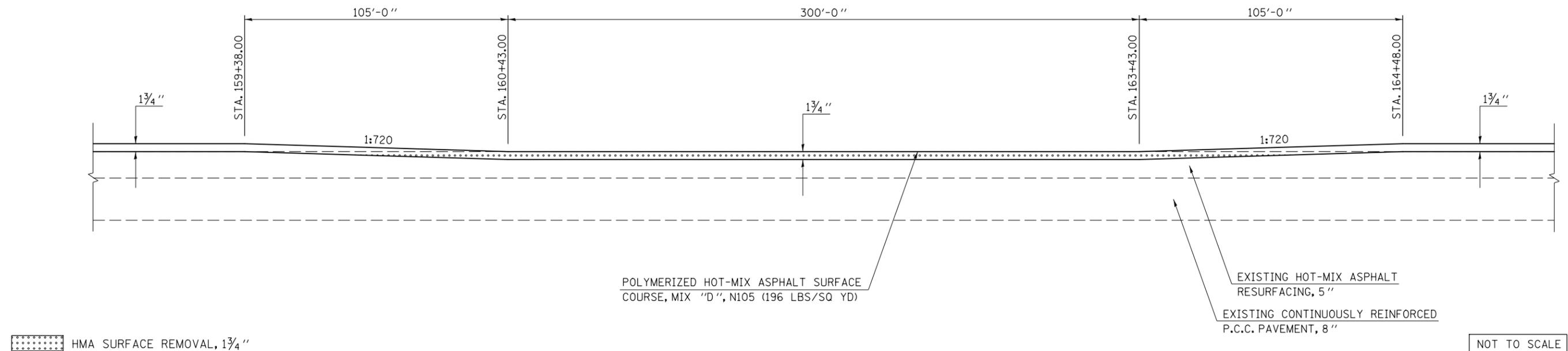
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0131

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

**WESTBOUND DRIVING LANE**  
STATION TO STATION  
159+38.00 164+48.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\midot\ppersonbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	150			
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70648							
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		SCALE: NONE	SHEET NO. 9 OF 20 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

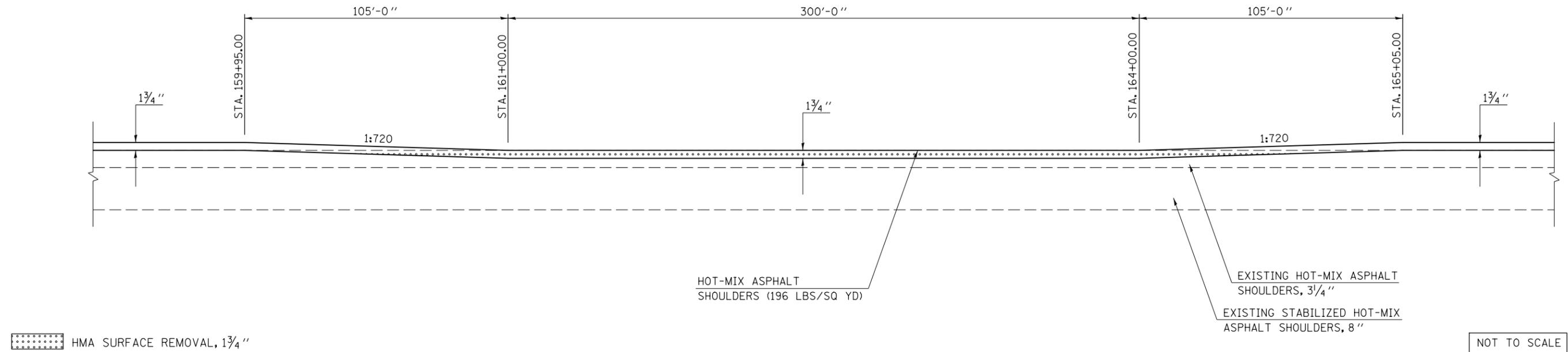
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0131

### EASTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
159+95.00 165+05.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



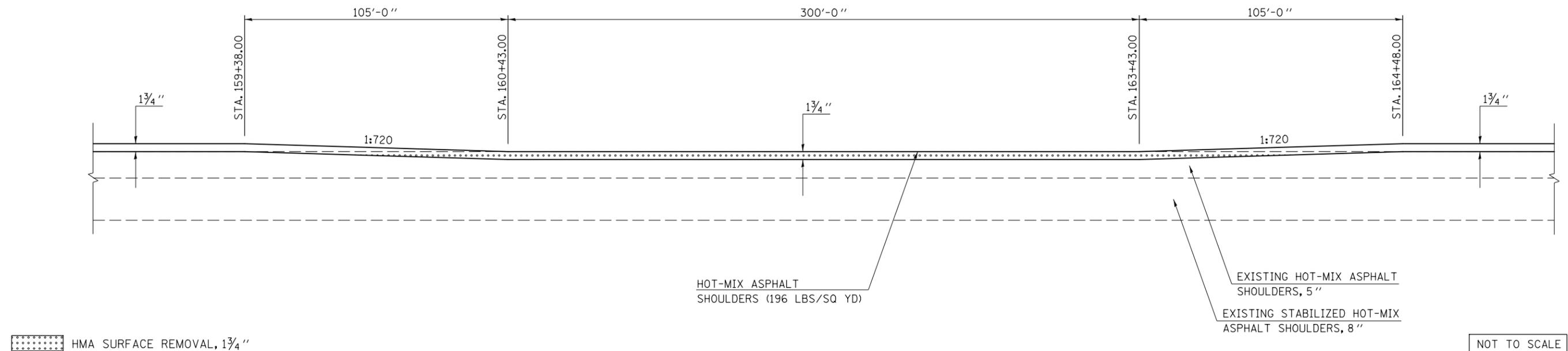
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0131

### WESTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
159+38.00 164+48.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\pwork\personbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	151			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70648							
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		SCALE: NONE	SHEET NO. 10 OF 20 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

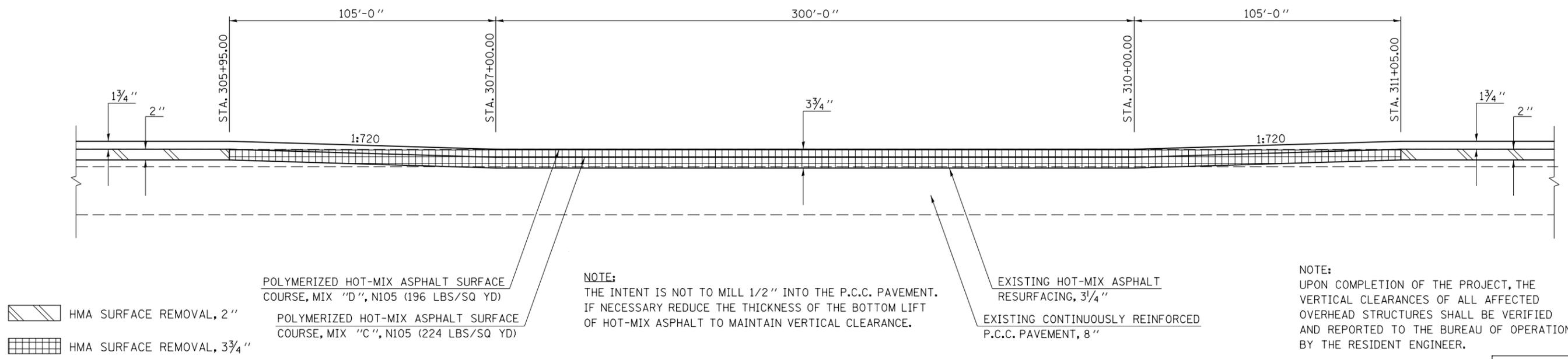
NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0132

### EASTBOUND PASSING LANE

STATION TO STATION  
305+95.00 311+05.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



NOTE:  
THE INTENT IS NOT TO MILL 1/2" INTO THE P.C.C. PAVEMENT. IF NECESSARY REDUCE THE THICKNESS OF THE BOTTOM LIFT OF HOT-MIX ASPHALT TO MAINTAIN VERTICAL CLEARANCE.

NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

NOT TO SCALE

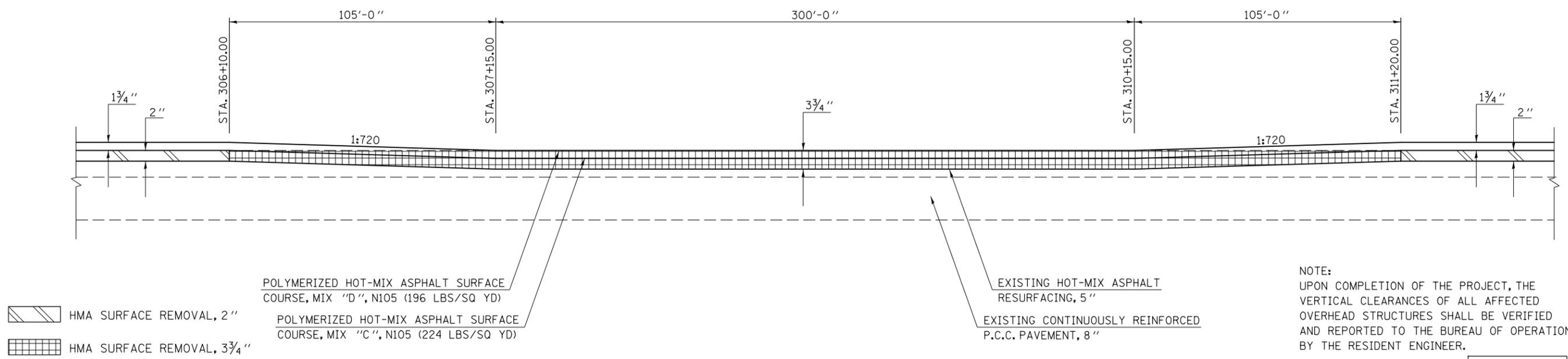
NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0132

### WESTBOUND PASSING LANE

STATION TO STATION  
306+10.00 311+20.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



NOTE:  
THE INTENT IS NOT TO MILL 1/2" INTO THE P.C.C. PAVEMENT. IF NECESSARY REDUCE THE THICKNESS OF THE BOTTOM LIFT OF HOT-MIX ASPHALT TO MAINTAIN VERTICAL CLEARANCE.

NOTE:  
UPON COMPLETION OF THE PROJECT, THE VERTICAL CLEARANCES OF ALL AFFECTED OVERHEAD STRUCTURES SHALL BE VERIFIED AND REPORTED TO THE BUREAU OF OPERATIONS BY THE RESIDENT ENGINEER.

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\pwork\personbr\d0184863\0570648-shr-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	152	CONTRACT NO. 70648		
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		SCALE: NONE			SHEET NO. 11 OF 20 SHEETS			STA. TO STA.	
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0132

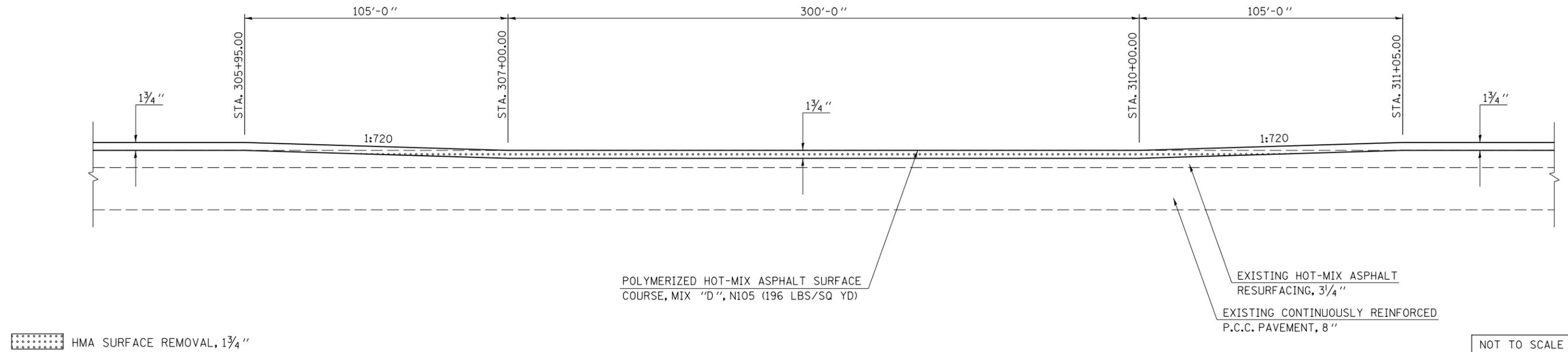
NOTE:  
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NOTE:  
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### EASTBOUND DRIVING LANE

STATION      TO      STATION  
305+95.00                      311+05.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0132

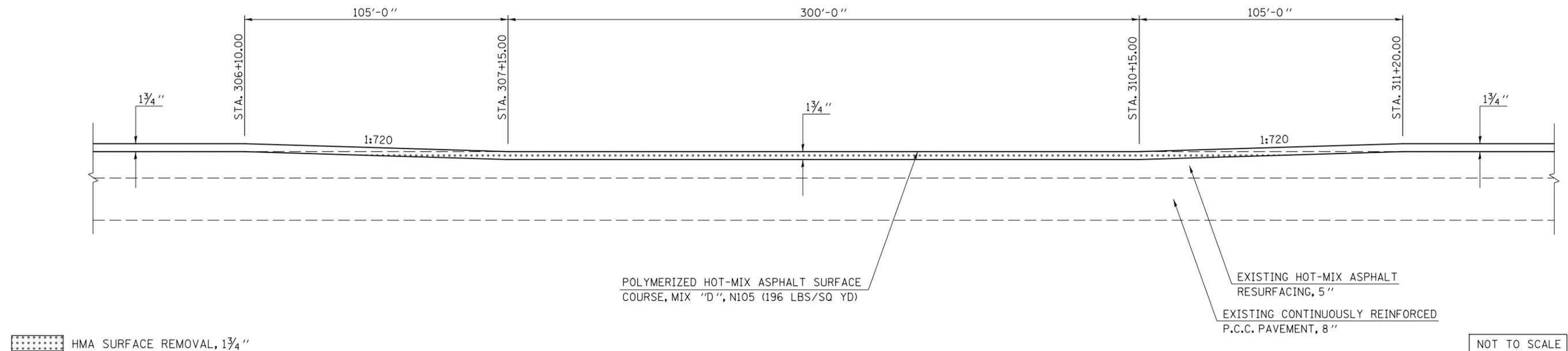
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NOTE:  
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### WESTBOUND DRIVING LANE

STATION      TO      STATION  
306+10.00                      311+20.00

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\pidot\ppersonbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	153			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70648							
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					
				SCALE: NONE	SHEET NO. 12 OF 20 SHEETS	STA. TO STA.						

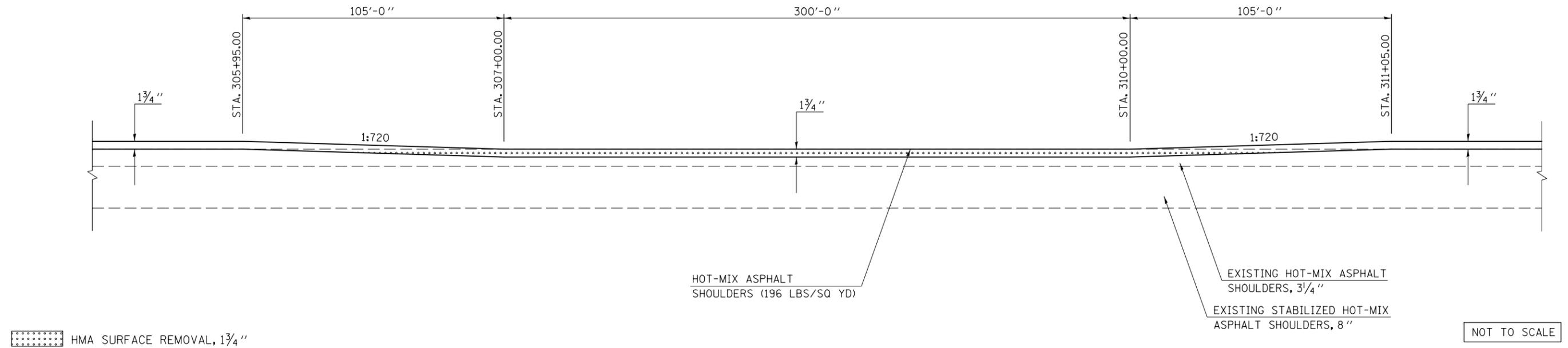
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0132

### EASTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
305+95.00 311+05.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:  
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.



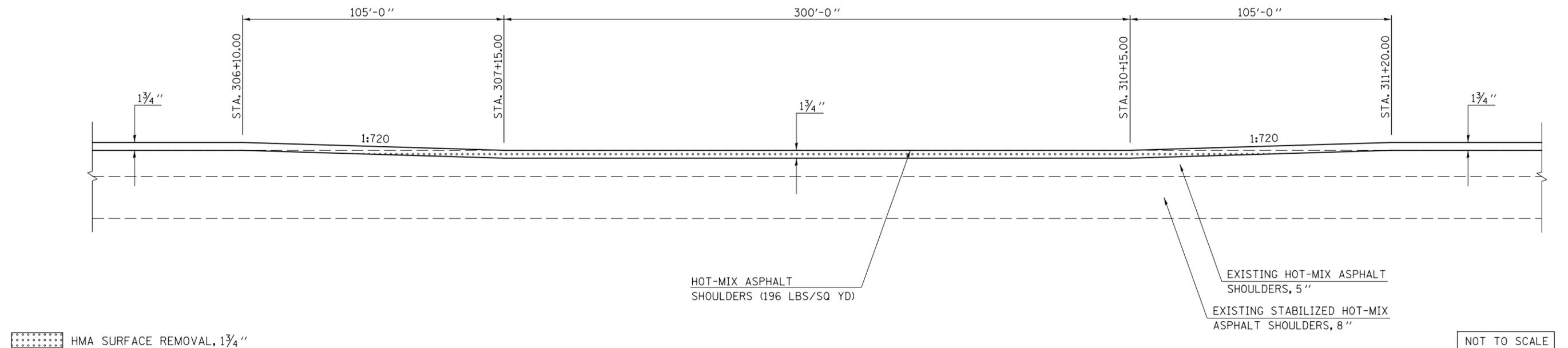
## DETAIL FOR I-74 MILLING & PAVING TRANSITIONS UNDER S.N. 057-0132

### WESTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
306+10.00 311+20.00

NOTE:  
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NOTE:  
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FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
ci:\pw\work\p\midot\ppersonbr\d0184863\0570648-sh1-detailed.dgn		DRAWN - BBP	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/26/2011	DATE - 06/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MILLING & PAVING TRANSITION DETAILS**

SCALE: NONE      SHEET NO. 13 OF 20 SHEETS      STA. TO STA.

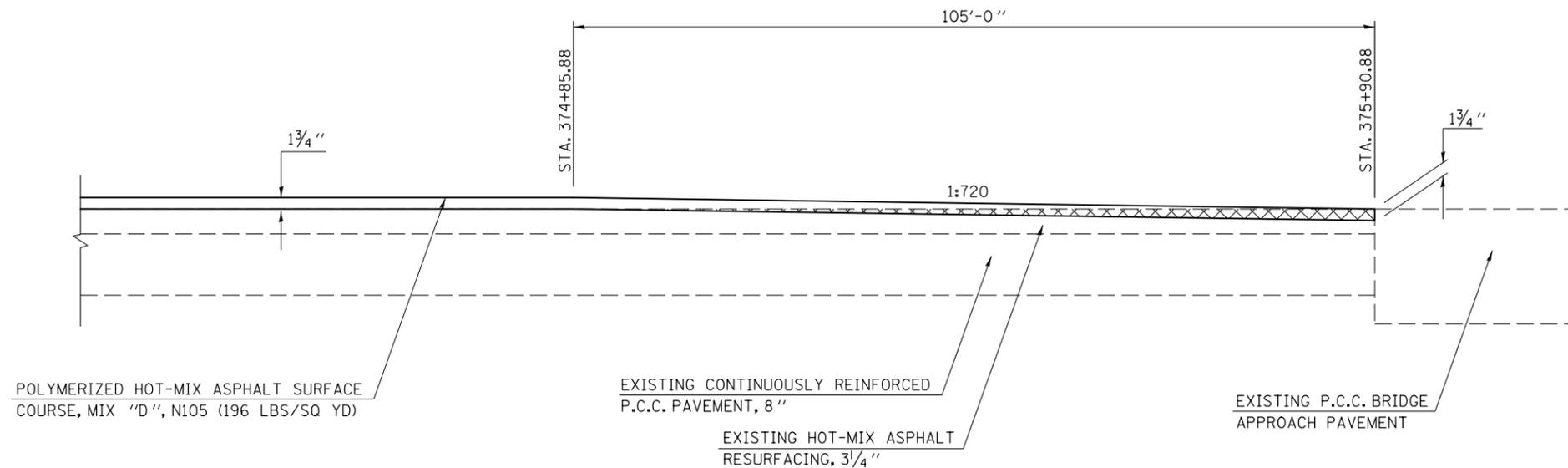
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	154
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0133

### EASTBOUND DRIVING LANE

STATION      TO      STATION  
374+85.88                      375+90.88

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



HMA SURFACE REMOVAL - BUTT JOINT

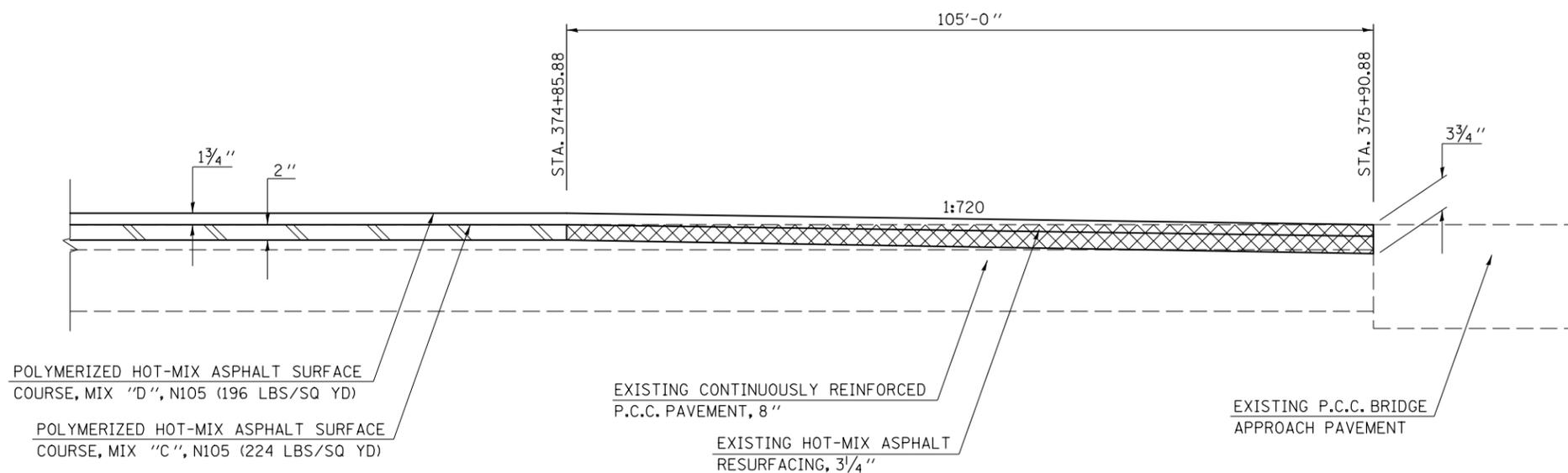
NOT TO SCALE

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0133

### EASTBOUND PASSING LANE

STATION      TO      STATION  
374+85.88                      375+90.88

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



HMA SURFACE REMOVAL, 2"  
 HMA SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
ci:\pwork\pwork\personbr\d0184863\0570648-shit-details.dgn		DRAWN - BBP	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/26/2011	DATE - 06/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MILLING & PAVING TRANSITION DETAILS**

SCALE: NONE      SHEET NO. 14 OF 20 SHEETS      STA.      TO STA.

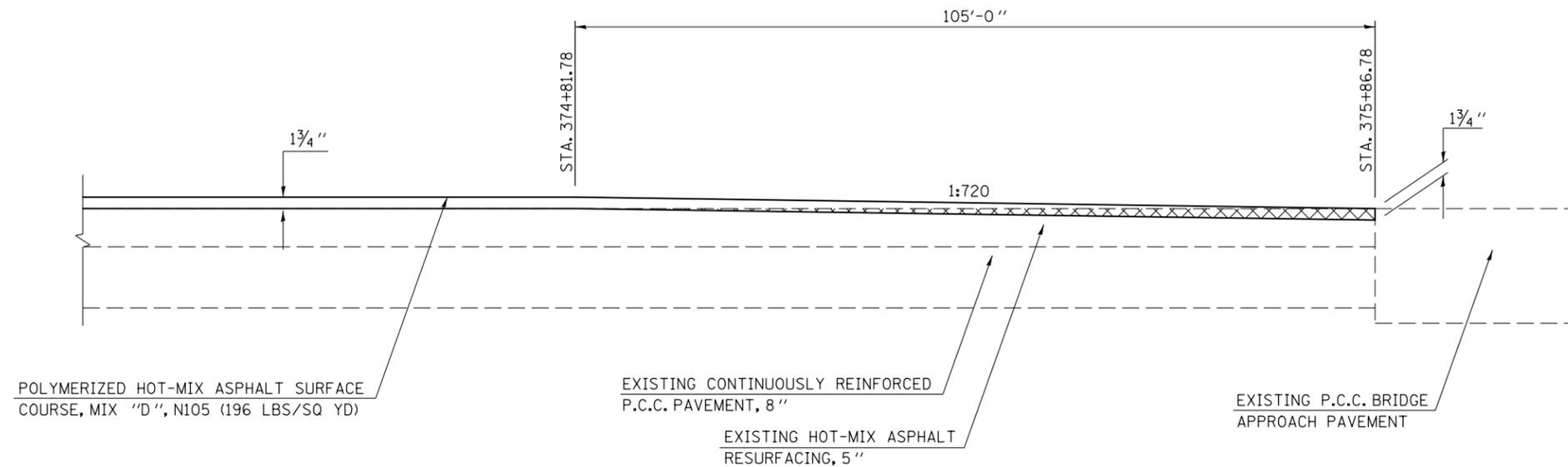
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	155
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0134

### WESTBOUND DRIVING LANE

STATION TO STATION  
374+81.78 TO 375+86.78

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



HMA SURFACE REMOVAL - BUTT JOINT

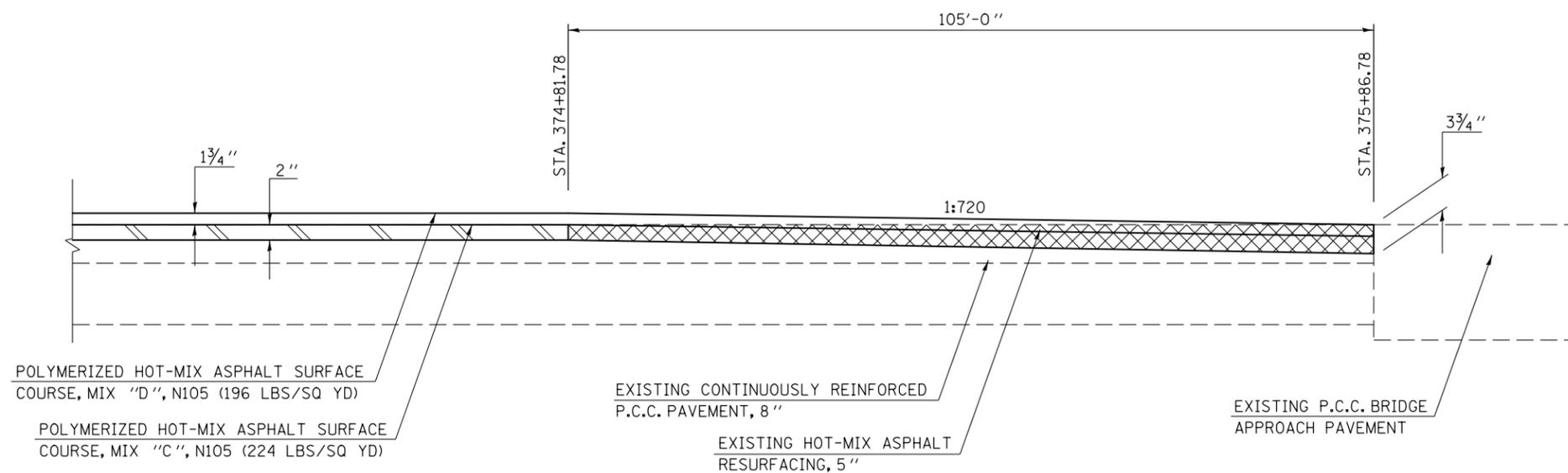
NOT TO SCALE

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0134

### WESTBOUND PASSING LANE

STATION TO STATION  
374+81.78 TO 375+86.78

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



HMA SURFACE REMOVAL, 2"

HMA SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
ci:\pwork\pwork\personbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MILLING & PAVING TRANSITION DETAILS**

SCALE: NONE      SHEET NO. 15 OF 20 SHEETS      STA. TO STA.

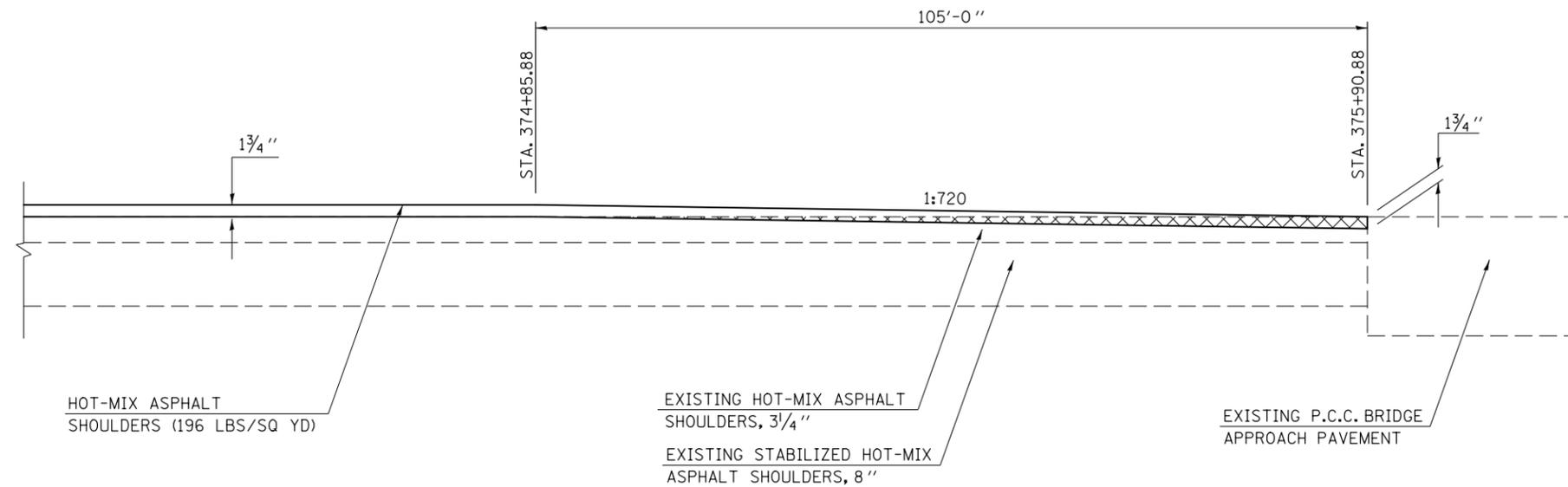
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCCLEAN	175	156
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0133

### EASTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
374+85.88 TO 375+90.88

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



HMA SURFACE REMOVAL - BUTT JOINT

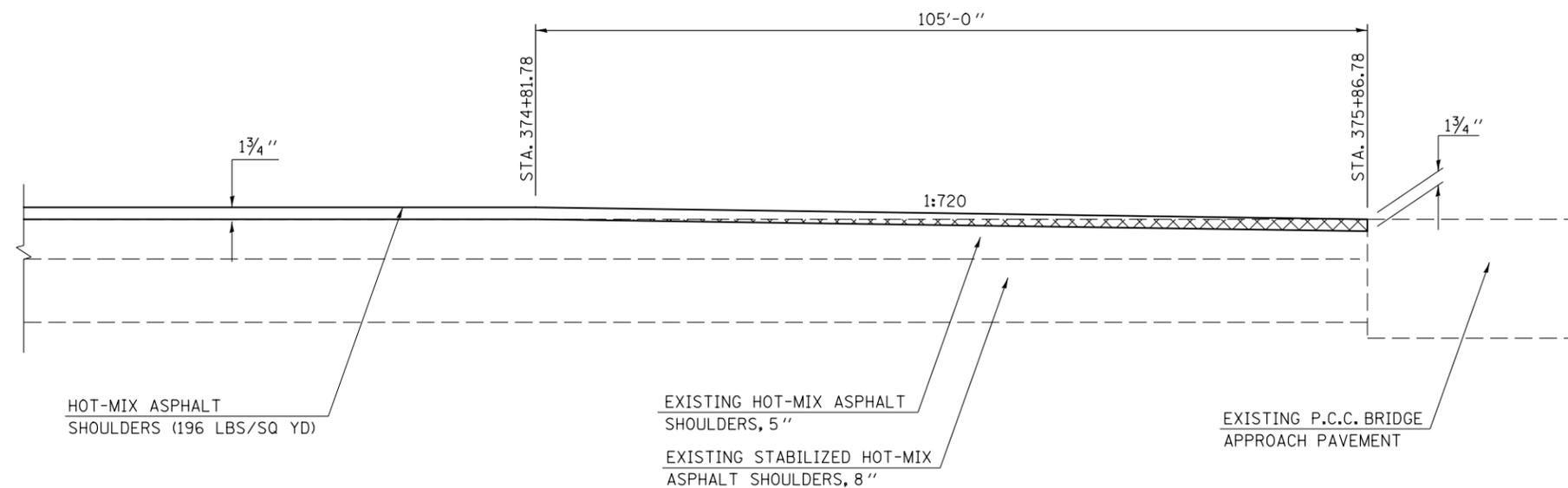
NOT TO SCALE

## DETAIL FOR I-74 MILLING /PAVING TRANSITION AT S.N. 057-0134

### WESTBOUND DRIVING & PASSING LANE SHOULDER

STATION TO STATION  
374+81.78 TO 375+86.78

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



HMA SURFACE REMOVAL - BUTT JOINT

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
ci:\pwork\pwork\personbr\d0184863\0570648-shit-details.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MILLING & PAVING TRANSITION DETAILS**

SCALE: NONE      SHEET NO. 16 OF 20 SHEETS      STA. TO STA.

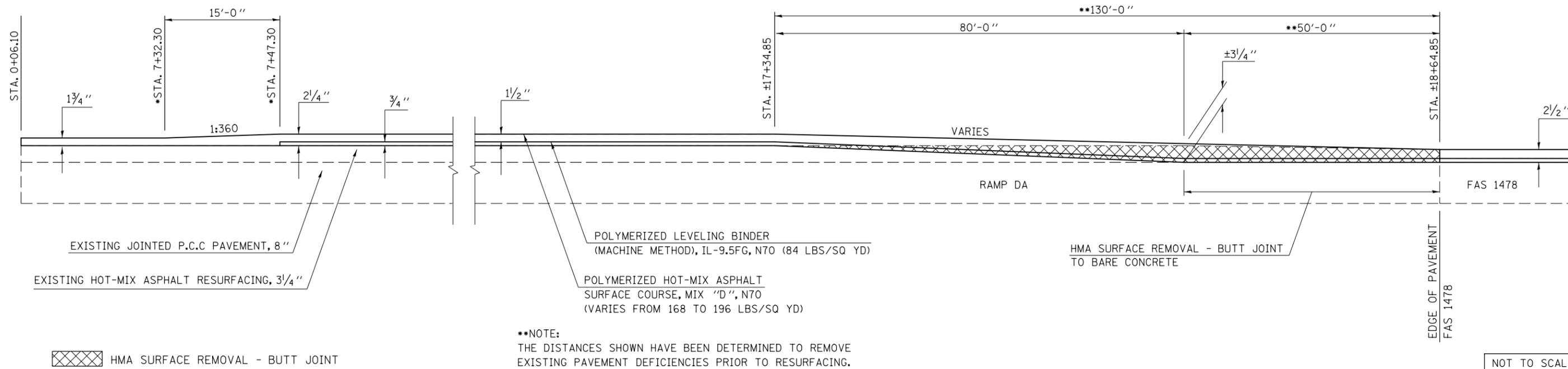
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	157
<b>CONTRACT NO. 70648</b>				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## DETAIL FOR MILLING /PAVING TRANSITION AT LEROY INTERCHANGE RAMPS

### I-74 WESTBOUND OFF-RAMP DA

\*NOTE:  
THE PAVING TRANSITION SHALL OCCUR AT THE END OF THE GORE NOSE. THE STATIONS LISTED MAY VARY TO MEET EXISTING CONDITIONS.

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

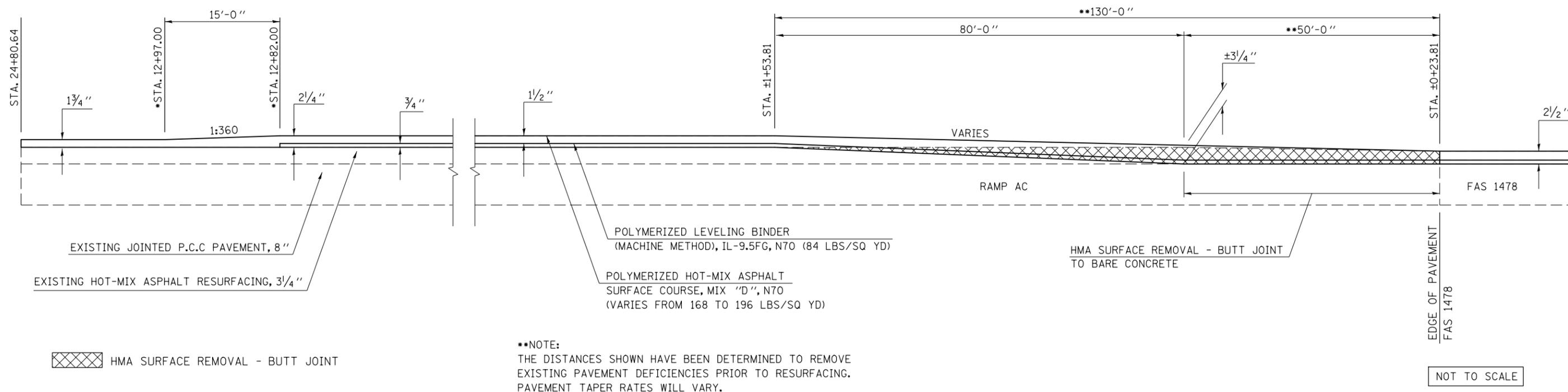


## DETAIL FOR MILLING /PAVING TRANSITION AT LEROY INTERCHANGE RAMPS

### I-74 WESTBOUND ON-RAMP AC

\*NOTE:  
THE PAVING TRANSITION SHALL OCCUR AT THE END OF THE GORE NOSE. THE STATIONS LISTED MAY VARY TO MEET EXISTING CONDITIONS.

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



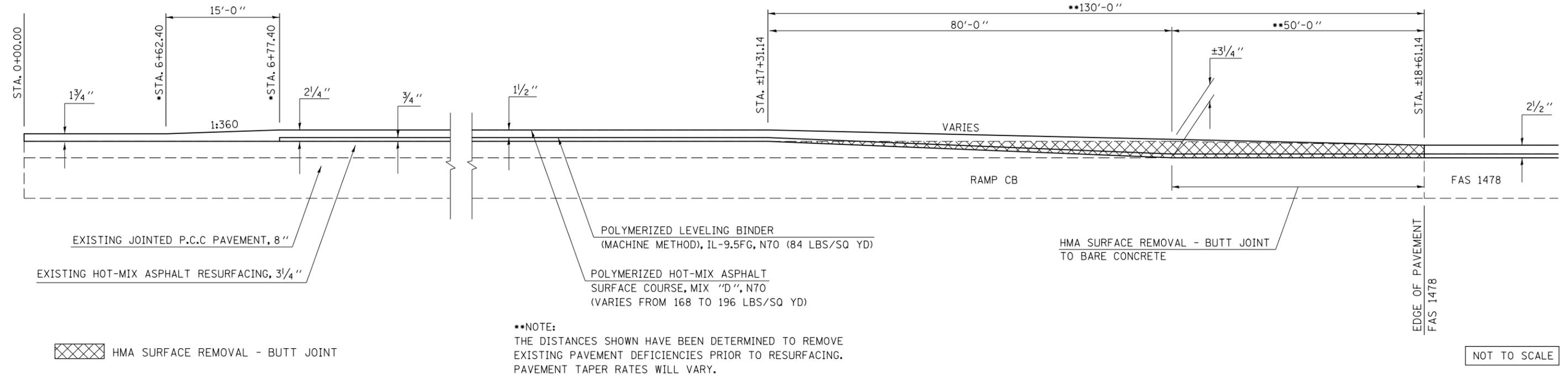
FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\work\pwork\personbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	158	CONTRACT NO. 70648		
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		SCALE: NONE			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		SHEET NO. 17 OF 20 SHEETS			STA.	TO STA.			

\*NOTE:  
THE PAVING TRANSITION SHALL OCCUR AT THE END OF THE GORE NOSE. THE STATIONS LISTED MAY VARY TO MEET EXISTING CONDITIONS.

## DETAIL FOR MILLING /PAVING TRANSITION AT LEROY INTERCHANGE RAMPS

### I-74 EASTBOUND OFF-RAMP CB

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



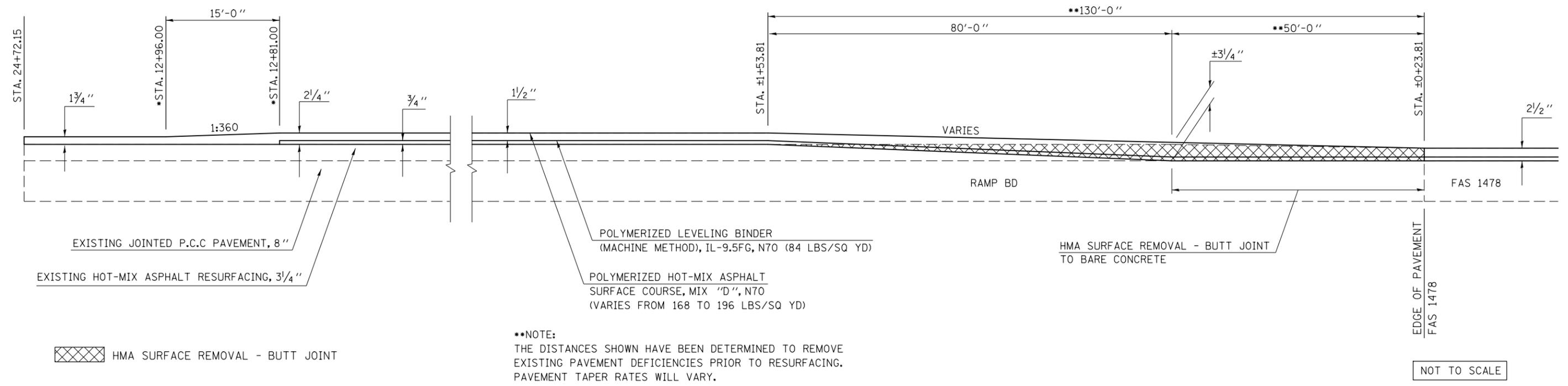
NOT TO SCALE

\*NOTE:  
THE PAVING TRANSITION SHALL OCCUR AT THE END OF THE GORE NOSE. THE STATIONS LISTED MAY VARY TO MEET EXISTING CONDITIONS.

## DETAIL FOR MILLING /PAVING TRANSITION AT LEROY INTERCHANGE RAMPS

### I-74 EASTBOUND ON-RAMP BD

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



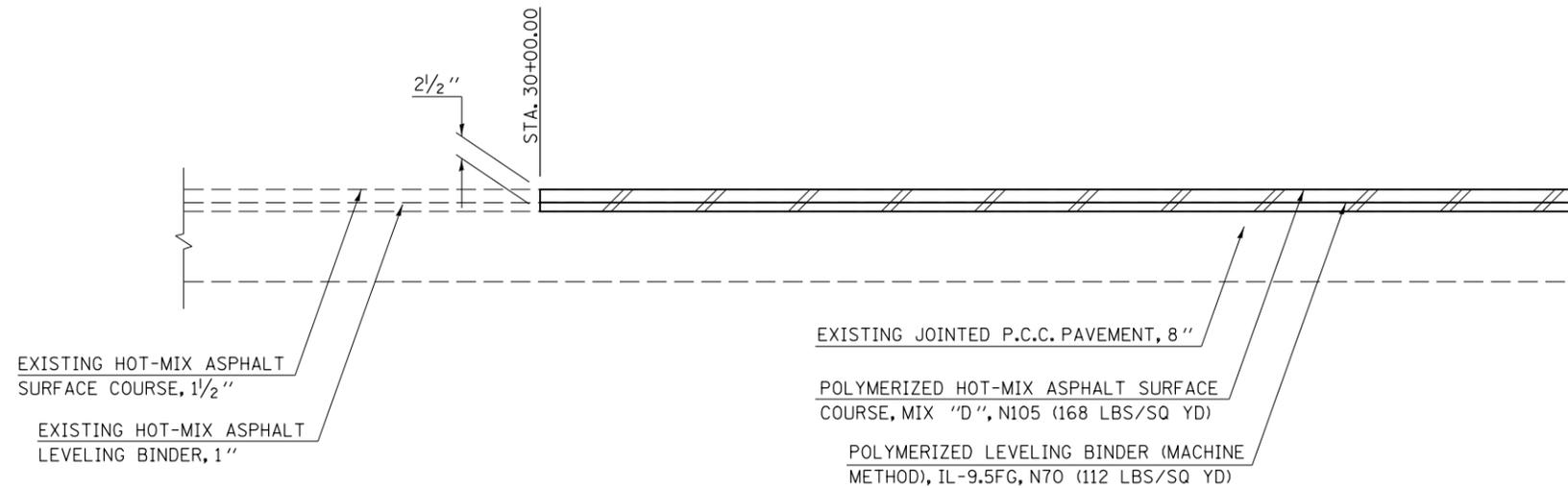
NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE. = 74	SECTION = (57-23,57-24)RS-1	COUNTY = MCLEAN	TOTAL SHEETS = 175	SHEET NO. = 159
ci:\pwork\pwork\pwork\personbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		SCALE: NONE	SHEET NO. 18 OF 20 SHEETS	STA. TO STA.	<b>CONTRACT NO. 70648</b>				
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -									
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -									

## DETAIL FOR F.A.S. 1478 MILLING /PAVING TRANSITION AT BEGINNING OF PROJECT

STATION  
30+00.00

NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



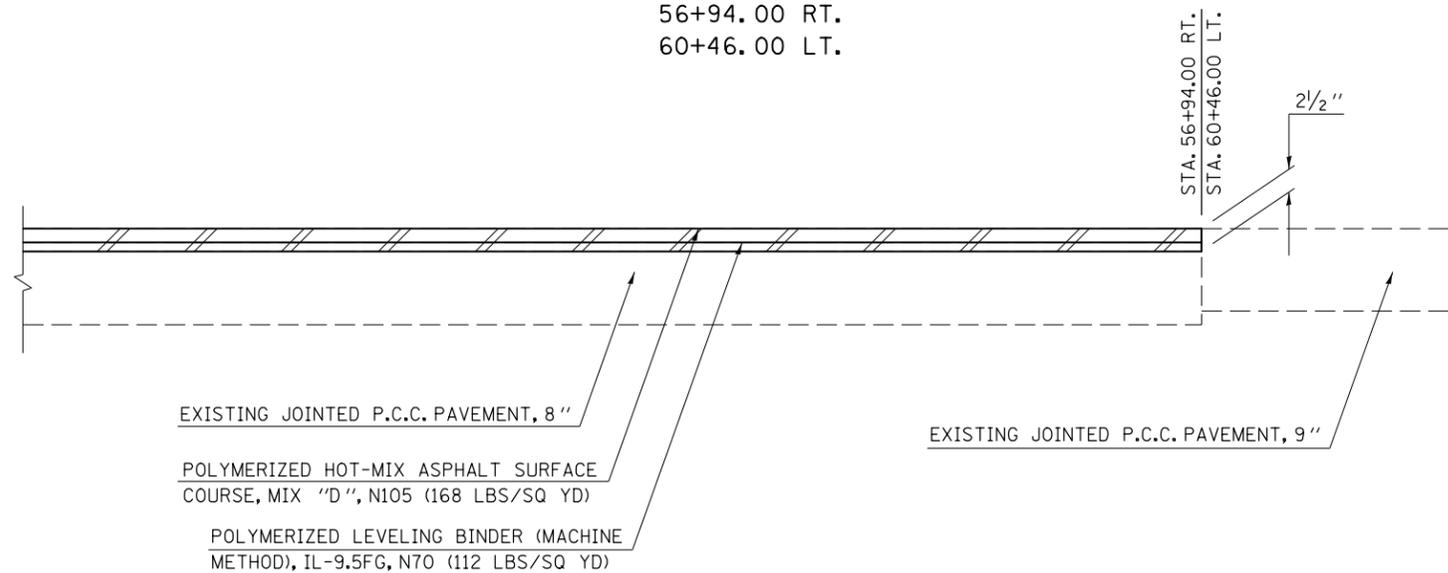
\* HMA SURFACE REMOVAL, 2 1/2"

\* NOTE:  
THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

NOT TO SCALE

## DETAIL FOR F.A.S. 1478 MILLING /PAVING TRANSITION AT END OF PROJECT

STATION  
56+94.00 RT.  
60+46.00 LT.



\* HMA SURFACE REMOVAL, 2 1/2"

\* NOTE:  
THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

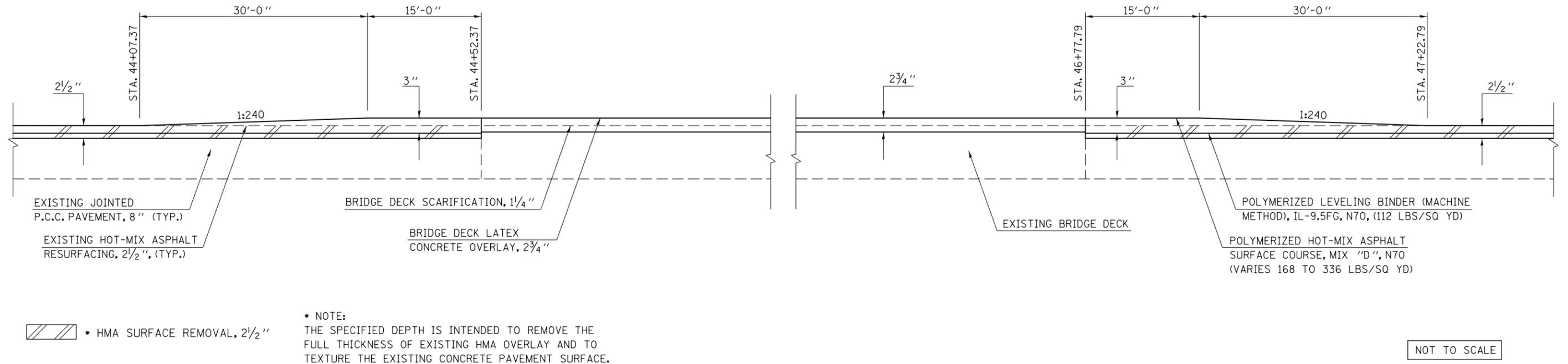
NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\pidot\ppersonbr\d0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	160	CONTRACT NO. 70648		
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 19 OF 20 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -									

## DETAIL FOR F.A.S. 1478 MILLING /PAVING TRANSITION AT S.N. 057-0132

### NORTHBOUND & SOUTHBOUND DRIVING LANE

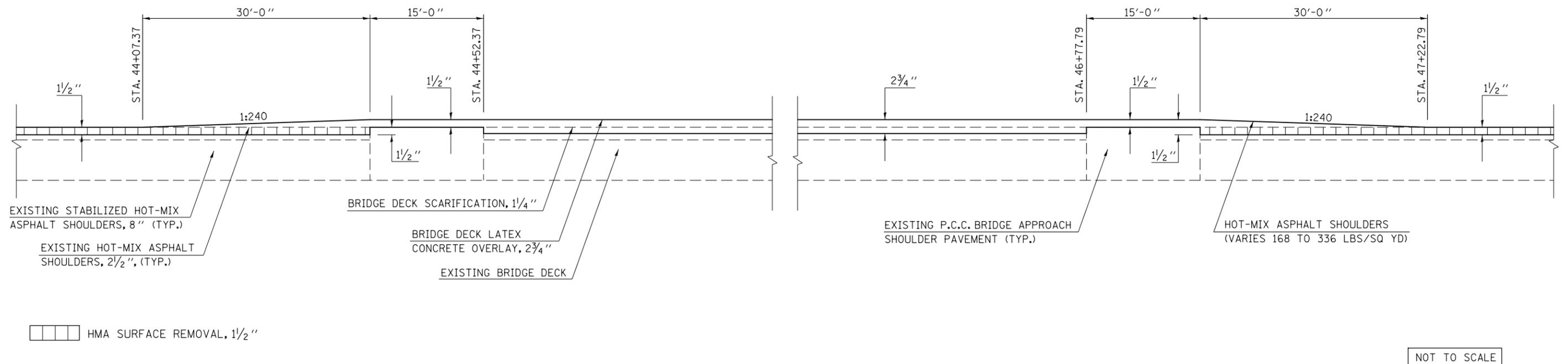
NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



## DETAIL FOR F.A.S. 1478 MILLING /PAVING TRANSITION AT S.N. 057-0132

### NORTHBOUND & SOUTHBOUND SHOULDER

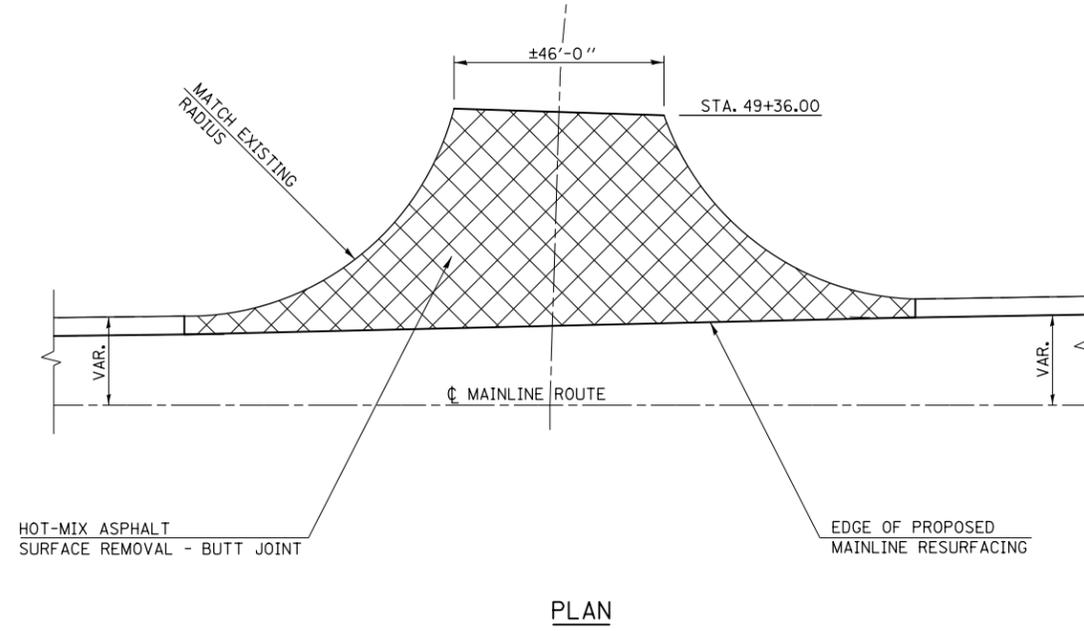
NOTE:  
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



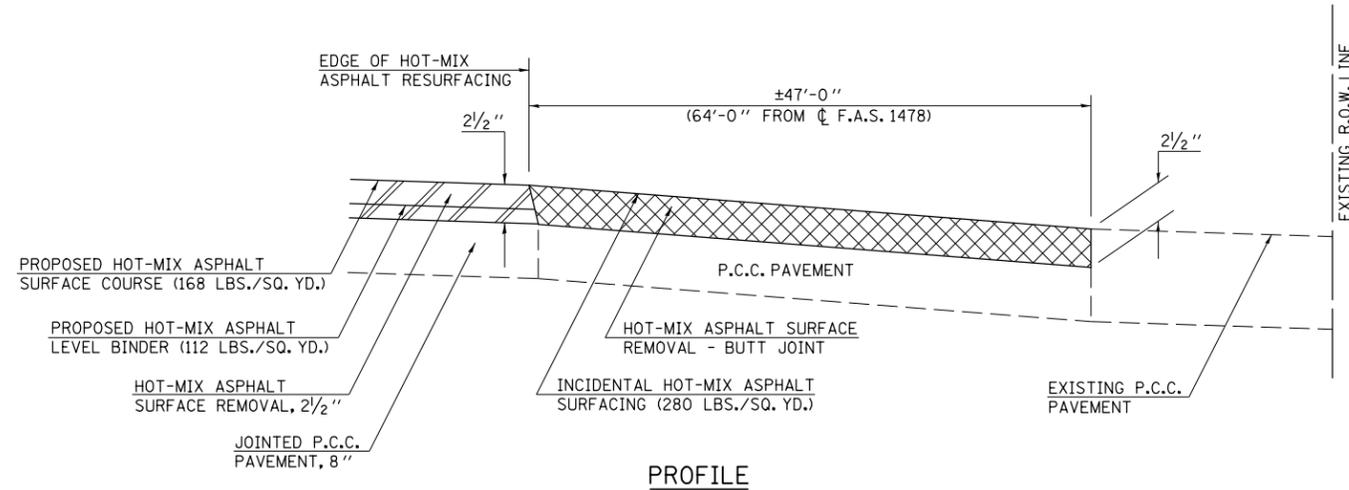
FILE NAME =	USER NAME = piersonbr	DESIGNED - GAE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MILLING &amp; PAVING TRANSITION DETAILS</b>			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\piersonbr\0184863\0570648-sh-t-details.dgn		DRAWN - BBP	REVISED -		74	(57-23,57-24)RS-1	MCLEAN	175	161			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70648							
PLOT DATE = 8/26/2011		DATE - 06/24/11	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					

SCALE: NONE    SHEET NO. 20 OF 20 SHEETS    STA.    TO STA.

**TYPICAL DETAIL OF SIDEROAD RETURNS ON F.A.S. 1478  
LT. STA. 31 + 94.00 / HEMLOCK ST.**



**PLAN**

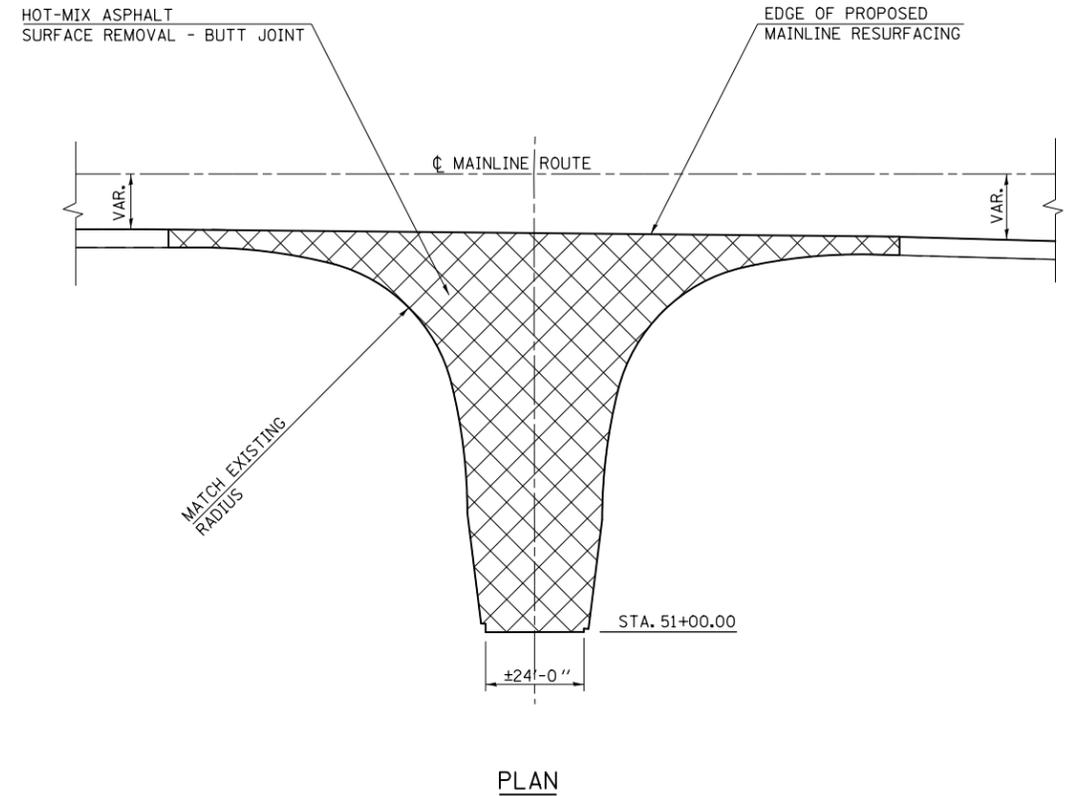


**PROFILE**

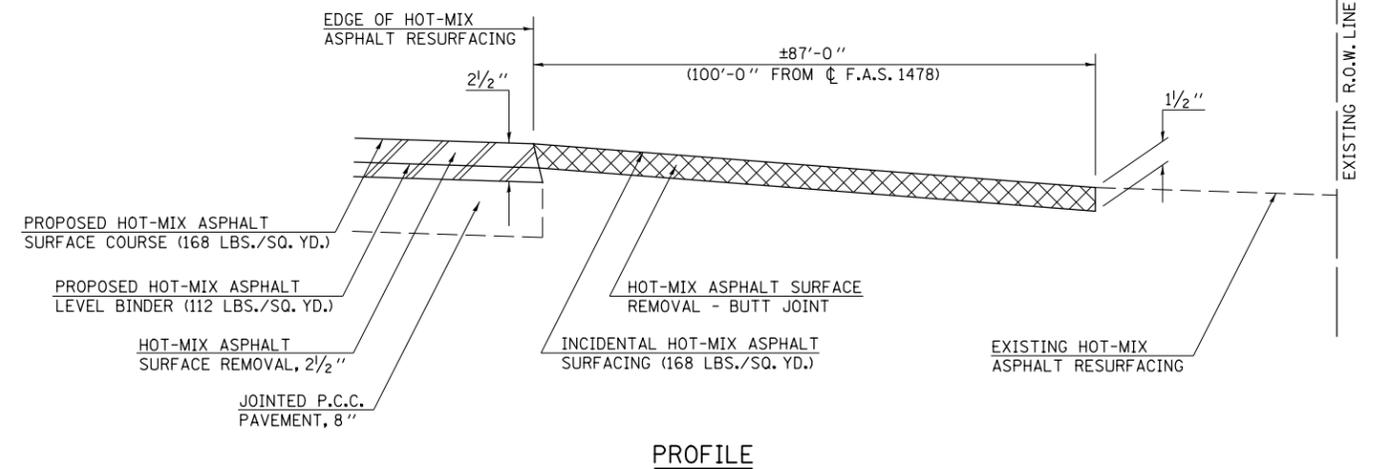
**GENERAL NOTES**

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING SIDEROADS IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE DIMENSION SHOWN ABOVE.
3. THE SPECIFIED DEPTH OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HOT-MIX ASPHALT OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

**TYPICAL DETAIL OF SIDEROAD RETURNS ON F.A.S. 1478  
RT. STA. 31 + 94.00 / BICENTENNIAL DR.**



**PLAN**



**PROFILE**

**GENERAL NOTES**

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING SIDEROADS IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII AND SHALL BE RESURFACED TO THE DIMENSION SHOWN ABOVE.

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
et:\pw\work\p\dot\personbr\d0184863\050648-sh-t-details.dgn		DRAWN - BBP	REVISED -
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	PLOT DATE = 8/26/2011	DATE - 07/06/11	REVISED -

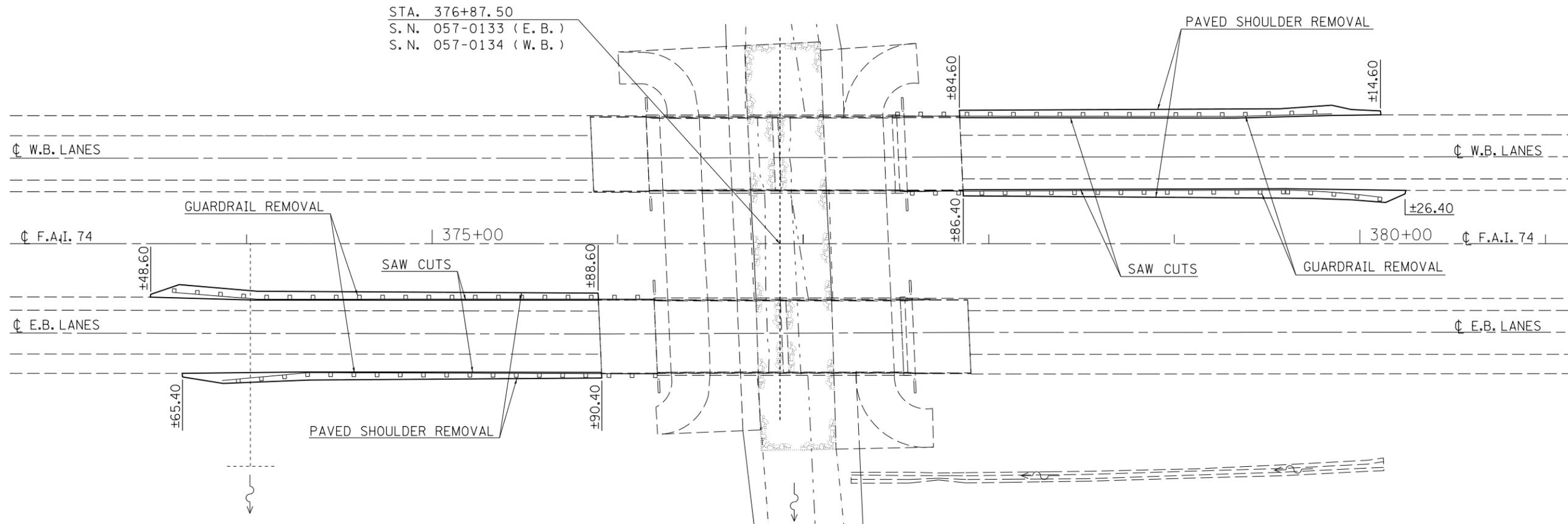
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEROAD RESURFACING DETAIL**

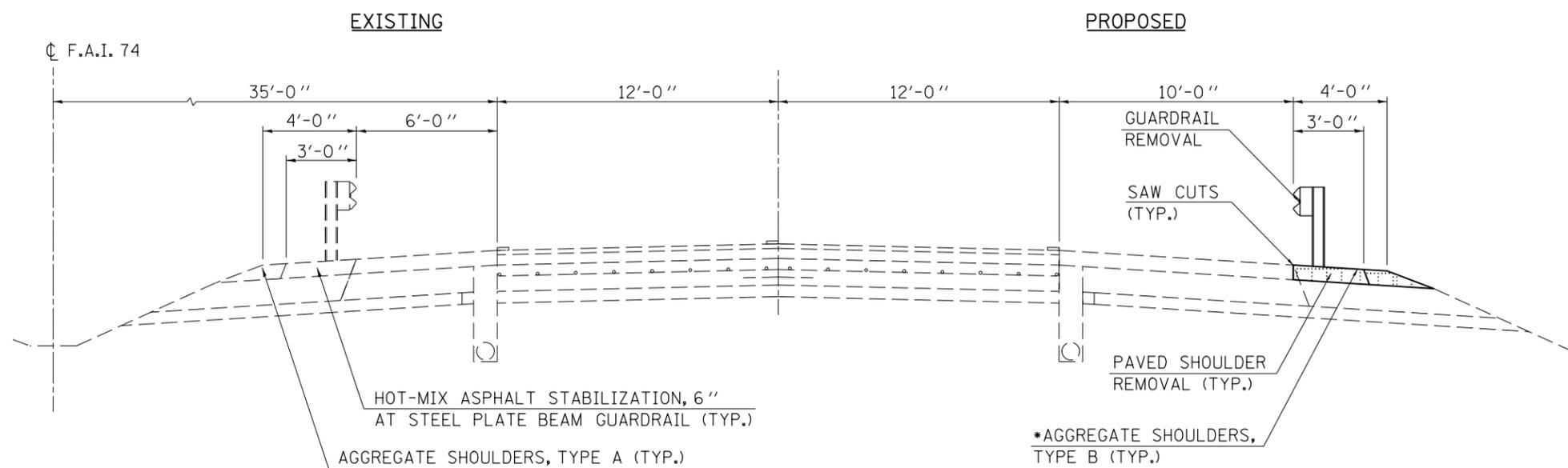
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	162
CONTRACT NO. 70648				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**DETAIL FOR PAVED SHOULDER REMOVAL**  
**ONLY EXISTING INFORMATION IS SHOWN FOR CLARITY**



**TYPICAL CROSS SECTION**



**44004250 PAVED SHOULDER REMOVAL**

LOCATION	STATION	TO	STATION	QUANTITY (SQ YD)
E.B. P.L. SHLDR LT.	373+48.60	LT.	375+88.60	125.00
E.B. D.L. SHLDR RT.	373+65.40	RT.	375+90.40	115.00
W.B. D.L. SHLDR LT.	377+84.60	LT.	380+14.60	115.00
W.B. P.L. SHLDR RT.	377+86.40	RT.	380+26.40	125.00
<b>TOTAL =</b>				<b>480.00</b>
				<b>SQ YD</b>

**NOTES:**

ALL WORK FOR THE PAVED SHOULDER REMOVAL SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 440.

THE REQUIRED SAW CUTS SHALL BE MADE ALONG THE FACE OF THE EXISTING GUARDRAIL. THESE SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO THE WORK AS SPECIFIED IN ARTICLE 440.03.

\*UPON COMPLETION OF THE PAVED SHOULDER REMOVAL AND HMA SHOULDER OPERATIONS, AGGREGATE SHOULDERS, TYPE B SHALL BE USED TO FILL THE VOID ALONG THE EDGE OF SHOULDER.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED -
ei:\pw\work\p\dot\personbr\d0184863\0570648-shl-paved shldr.dgn		DRAWN -	REVISED -
	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/25/2011	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

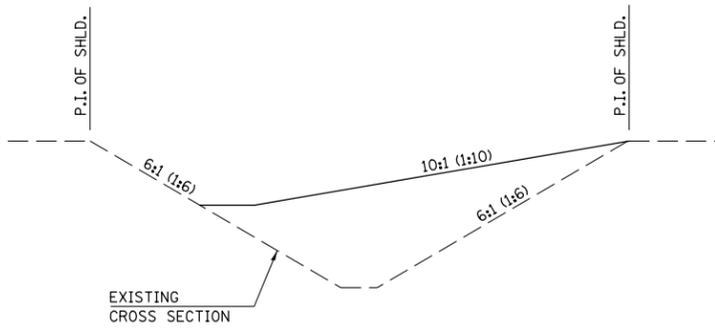
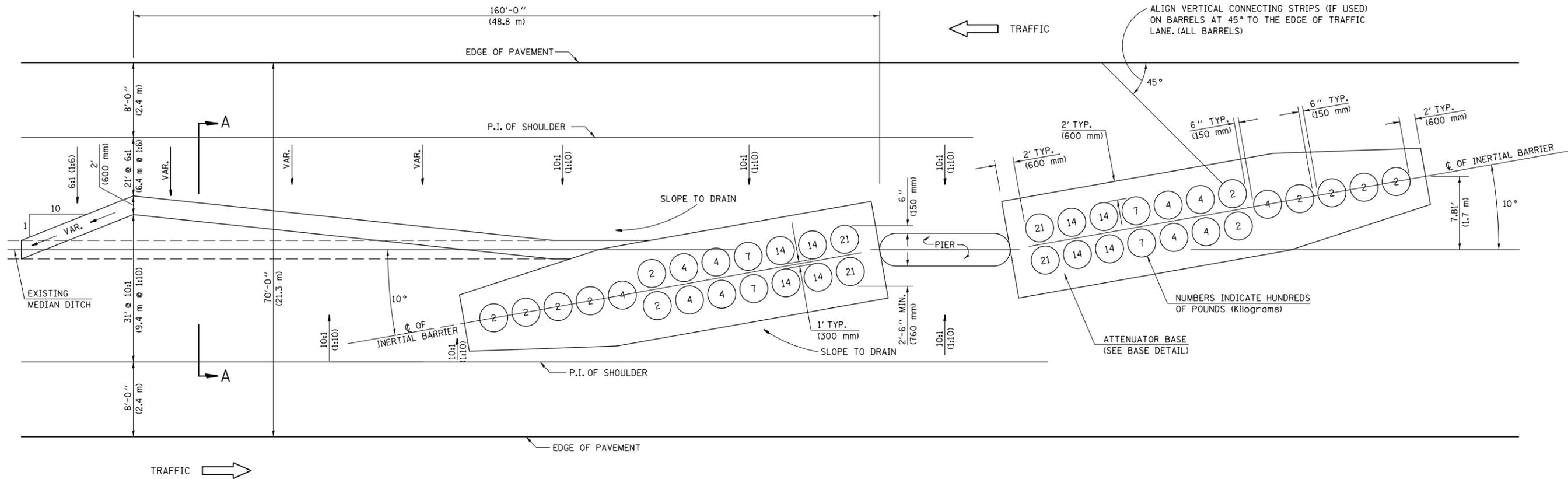
**DETAIL FOR PAVED SHOULDER REMOVAL**

SCALE: 1" = 30'    SHEET NO. 1 OF 1 SHEETS    STA.    TO STA.

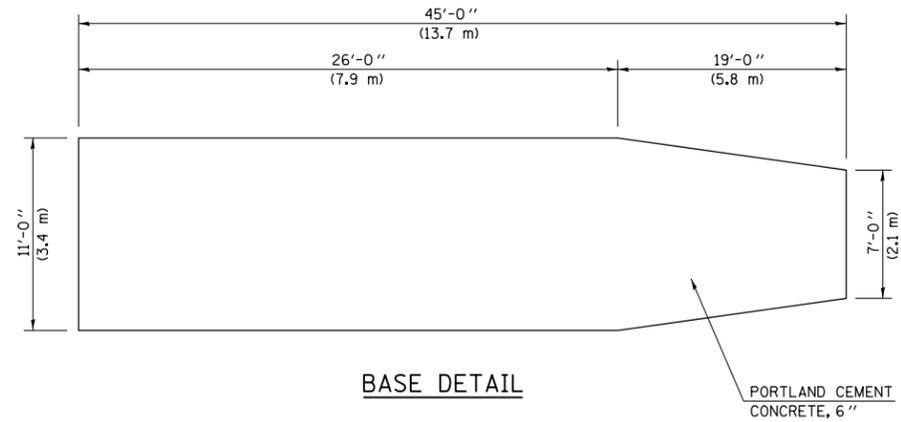
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	163
				<b>CONTRACT NO. 70648</b>
ILLINOIS FED. AID PROJECT				



70 MPH (110 km/h) DESIGN - 70' (21 m) MEDIAN



SECTION A-A  
GRADING AND SHAPING DETAIL



BASE DETAIL

GENERAL NOTES

- ALL 10:1 (1:10) SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 (1:10) OR FLATTER.
- THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
- THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' x 7.0' : 19 MODULES - 14,400 LBS.  
(12.5 m x 2.1 m : 19 MODULES - 6532 kg).
- IN AREAS OF 10:1 (1:10) SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' (1.5 m) INTERVALS IN THE MEDIAN  $\perp$ . SEE SPECIAL PROVISIONS AND SCHEDULES.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. Z0030150F

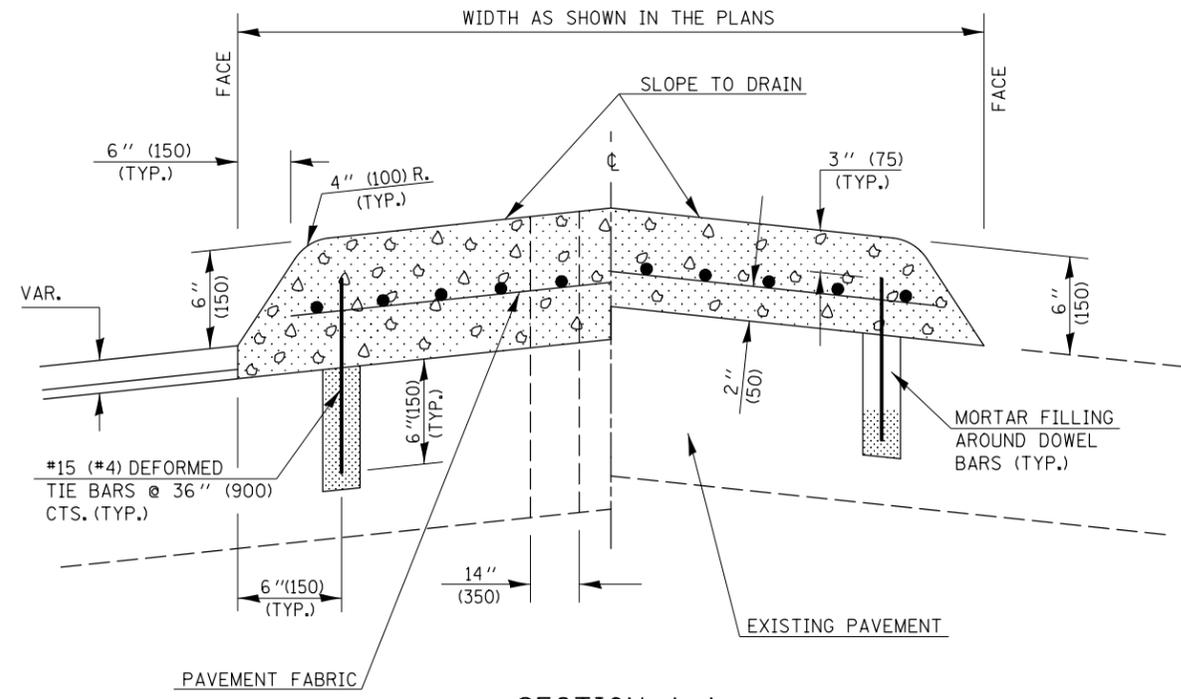
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		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

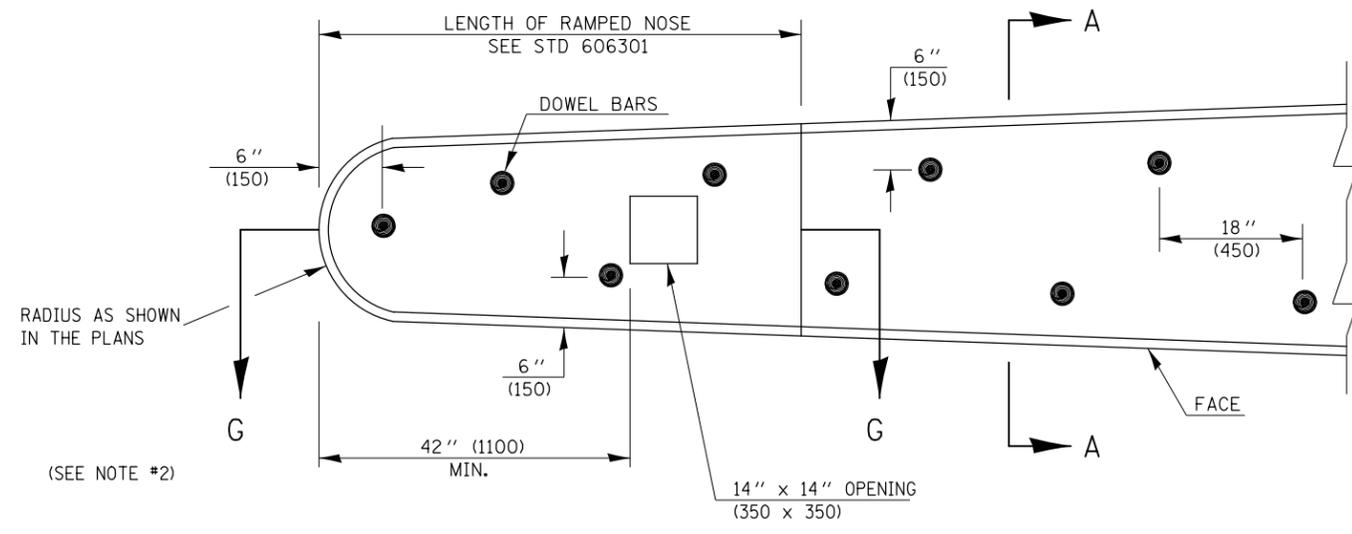
IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	165
CONTRACT NO. 70648				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



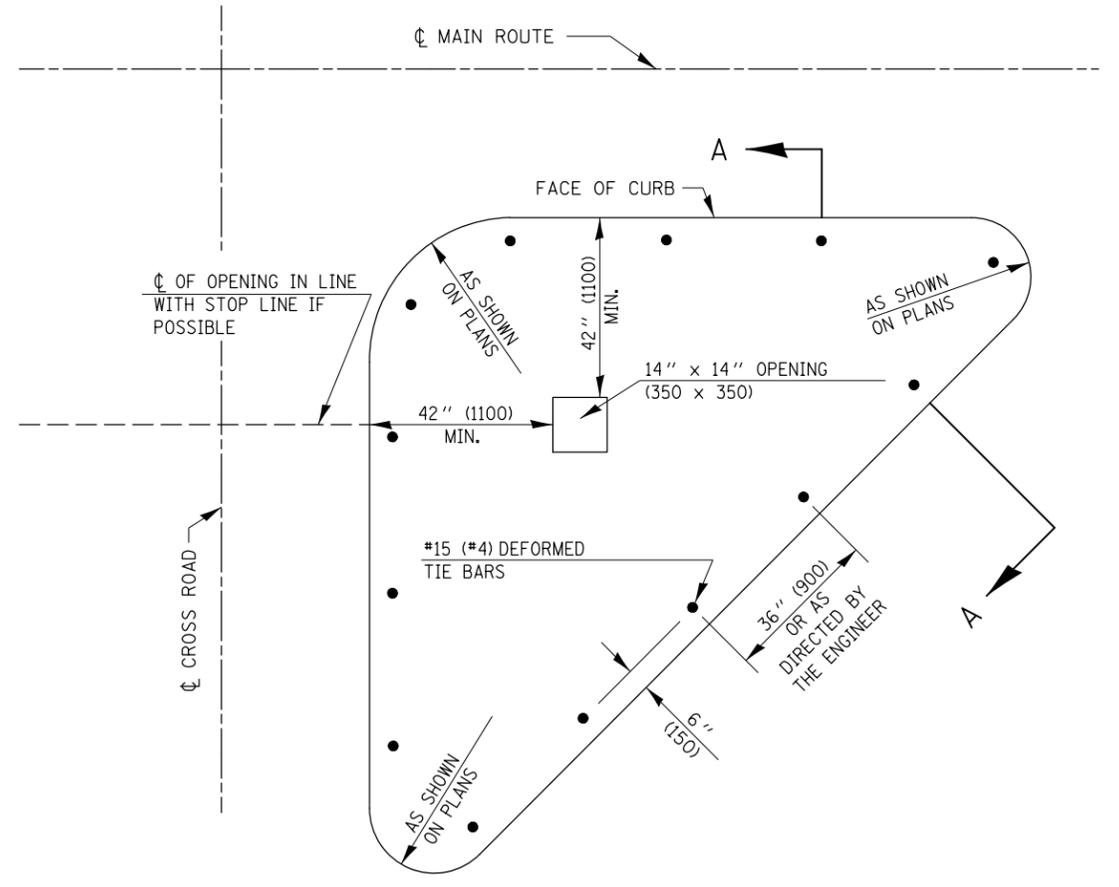
SECTION A-A



PLAN OF MEDIAN

GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. DOWEL BARS @ 36" (900) CTS. OR AS DIRECTED BY THE ENGINEER.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT (m<sup>2</sup>) FOR CONCRETE MEDIAN, TYPE SM-6 (SM-15) (DOWELLED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN OF CORNER ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\personbr\d0184863\0570648-shd-details.dgn		DRAWN -	REVISED - 08/09 - KJT
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

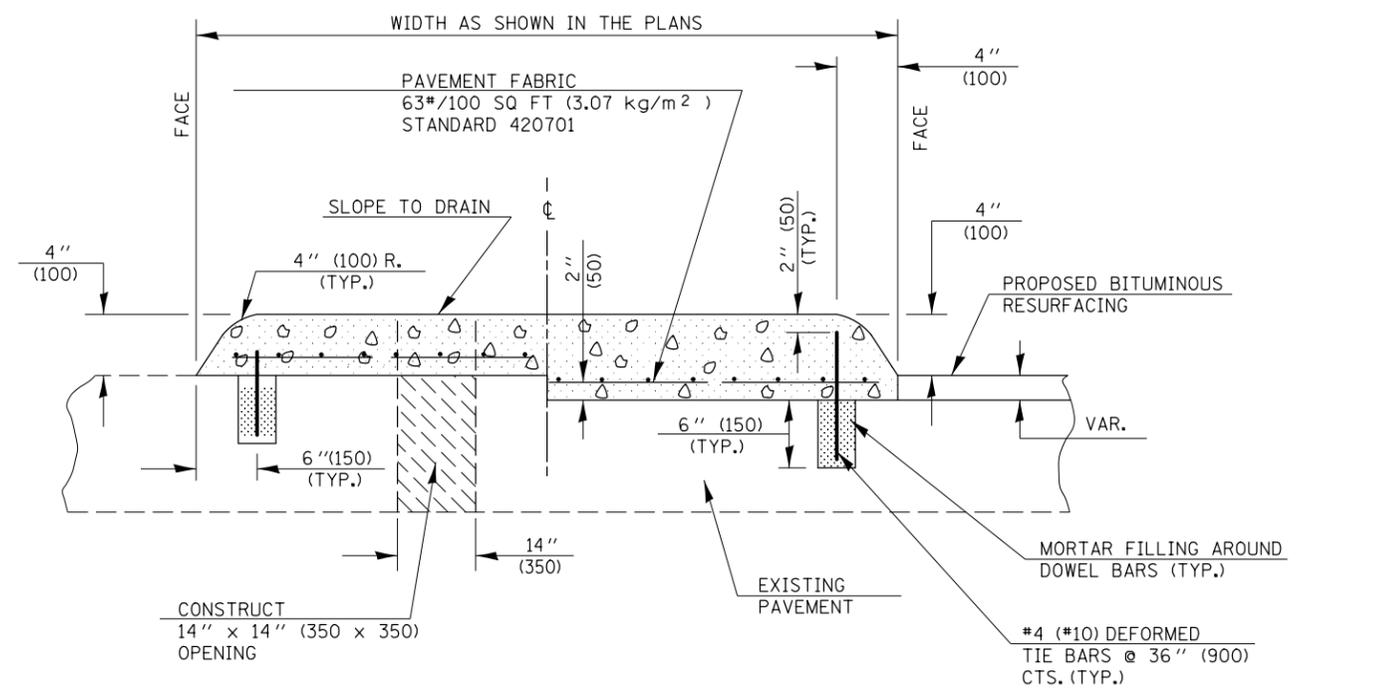
**CONCRETE MEDIAN, TYPE SM-6 (SM-15) (DOWELLED)**

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

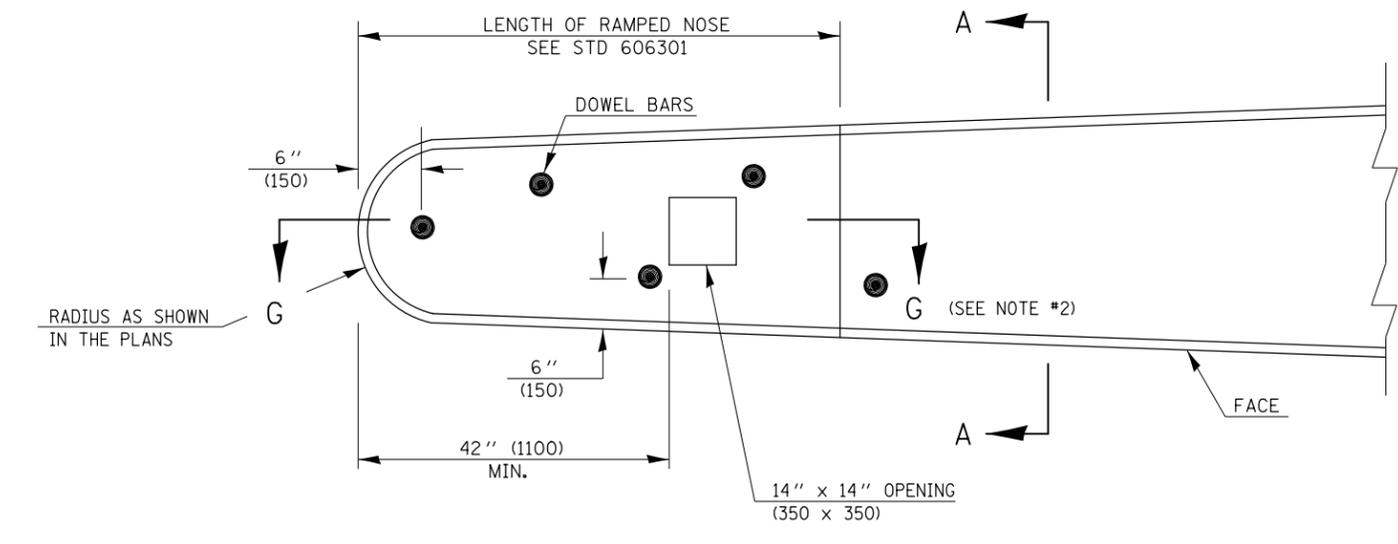
<b>DISTRICT 5 DETAIL NO. 60622354</b>				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	166
CONTRACT NO. 70648				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

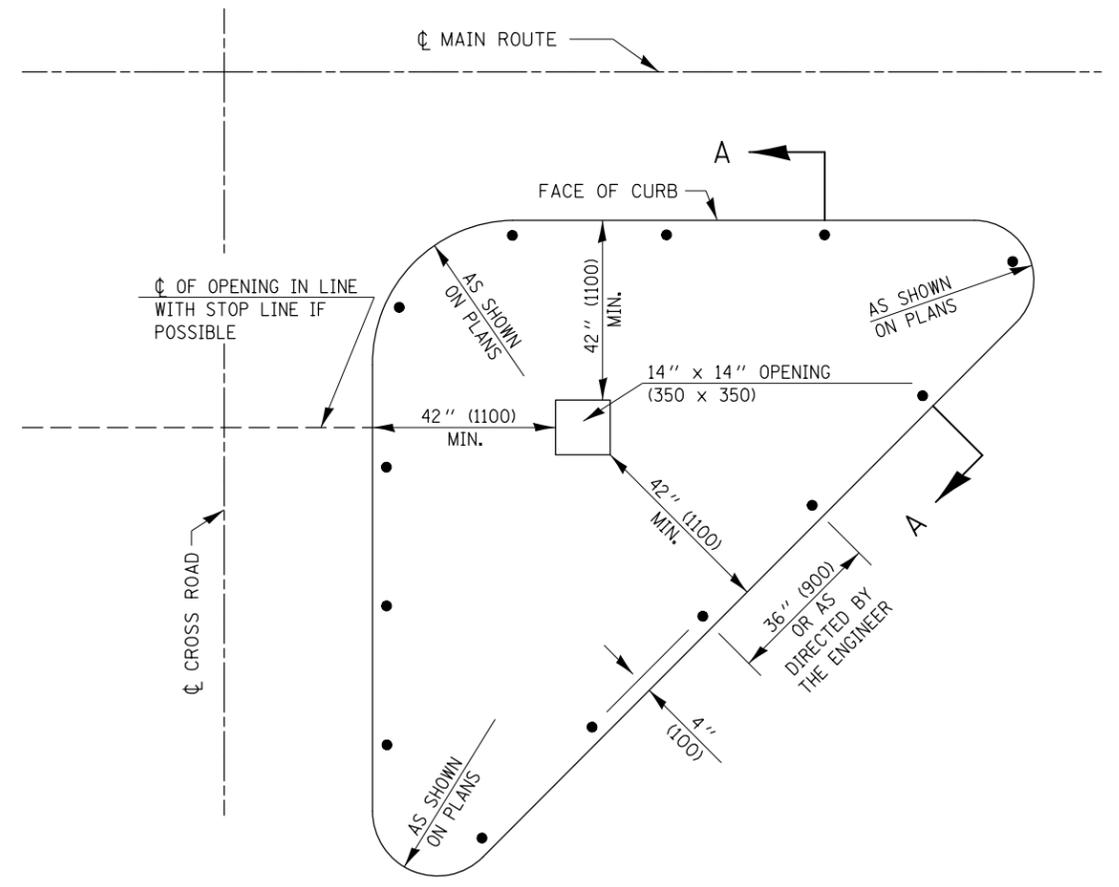
1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. SECTION G-G SHALL BE THE SAME AS SHOWN ON STANDARD 606301.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT (m<sup>2</sup>) FOR CONCRETE MEDIAN, TYPE SM (SPECIAL), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. OPENINGS FOR SIGNS IN MEDIANS AND ISLANDS SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.



**SECTION A-A**



**PLAN OF MEDIAN**

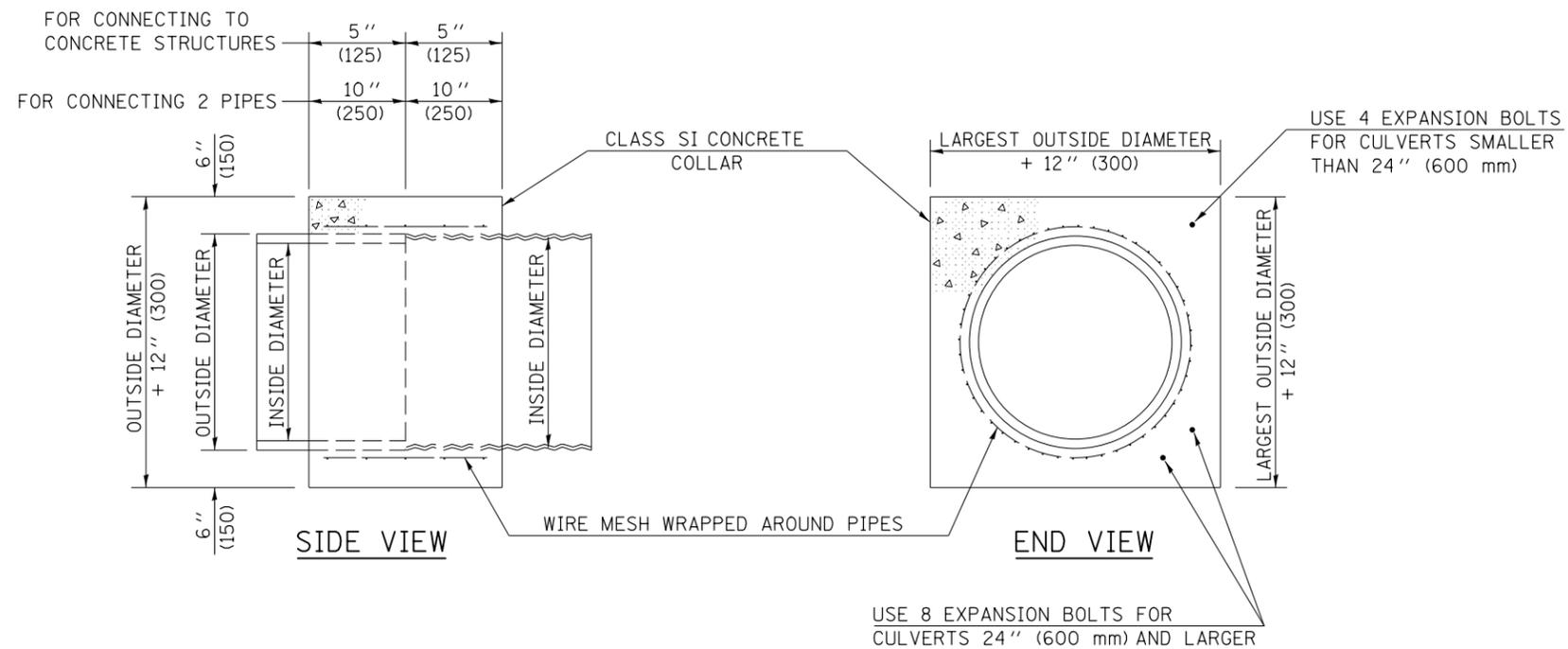


**PLAN OF CORNER ISLAND**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONCRETE MEDIAN, TYPE SM (SPECIAL)</b>			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\personbr\d0184863\0570648-sh1-details.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	74	(57-23,57-24)RS-1	MCLEAN	175	167
		CHECKED -	REVISED -					<b>CONTRACT NO. 70648</b>				
		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT SCALE = 48.0000' / in.											
	PLOT DATE = 8/26/2011											

**DISTRICT 5 DETAIL NO. 60621900**



**GENERAL NOTES**

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m<sup>2</sup>).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m <sup>3</sup> )
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m <sup>3</sup> )
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 12/06
et:\pw\work\p\idot\ppersonbr\d0184863\050648-shr-details.dgn		DRAWN -	REVISED -
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	PLOT DATE = 8/26/2011	DATE -	REVISED -

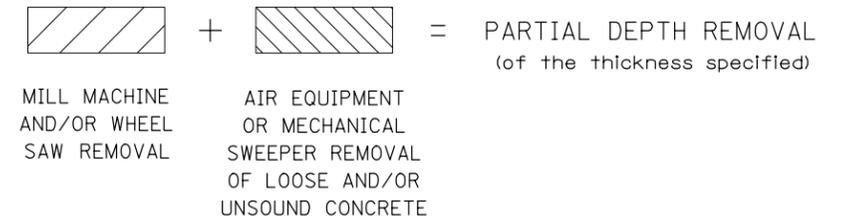
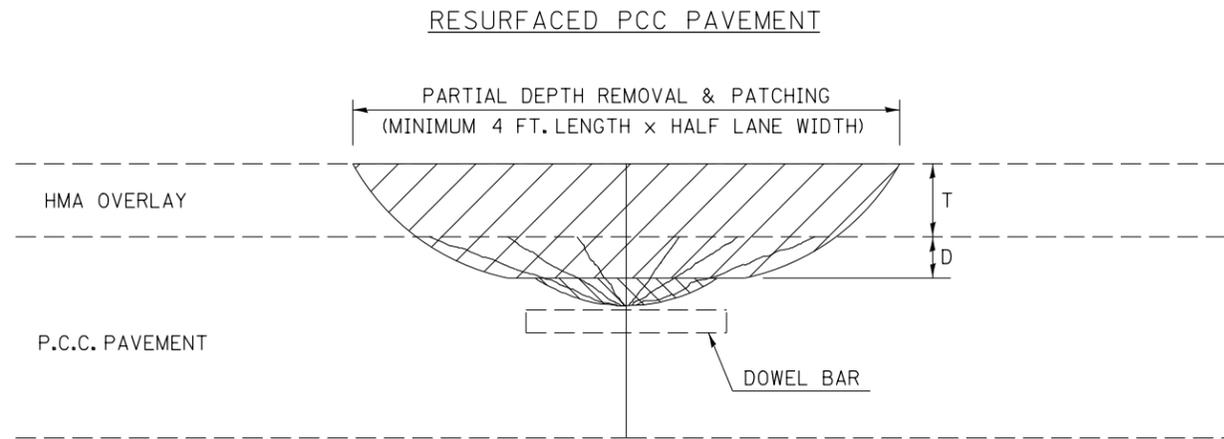
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE COLLAR**

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

**DISTRICT 5 DETAIL NO. 54248510**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	168
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**DESIGN NOTES**

PARTIAL DEPTH HMA PATCHING SHALL NOT BE USED WHEN HMA OVERLAY THICKNESS (T) ON PCC PAVEMENT EXCEEDS 4 3/4 INCHES (121 mm) OR ON CRC PAVEMENT.

**GENERAL NOTES**

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

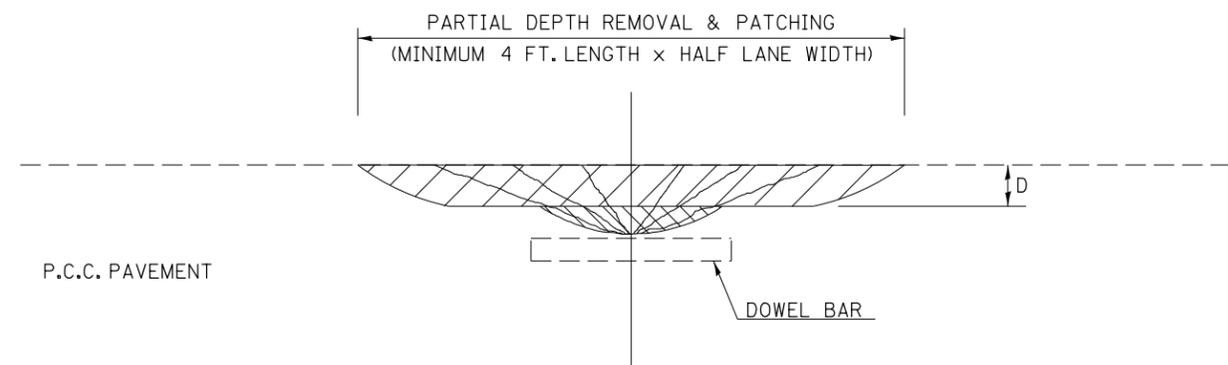
HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**BARE PCC PAVEMENT**



**DISTRICT 5 DETAIL NO. XX442100**

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 8/26/2011	DATE -	REVISED -

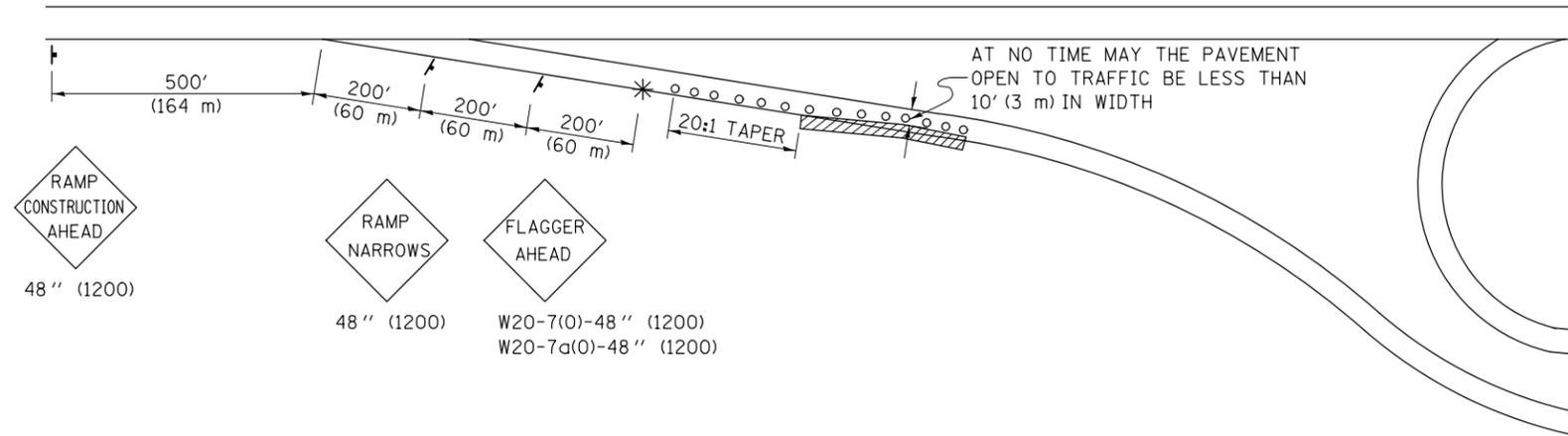
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	169
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
<b>CONTRACT NO. 70648</b>				

**APPLICATION NO. 1  
DAY OPERATION ONLY  
PARTIAL RAMP CLOSURE**



**SYMBOLS**

- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
- ⊗ (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- \* (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

**TYPICAL APPLICATIONS**

- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

**GENERAL NOTES**

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

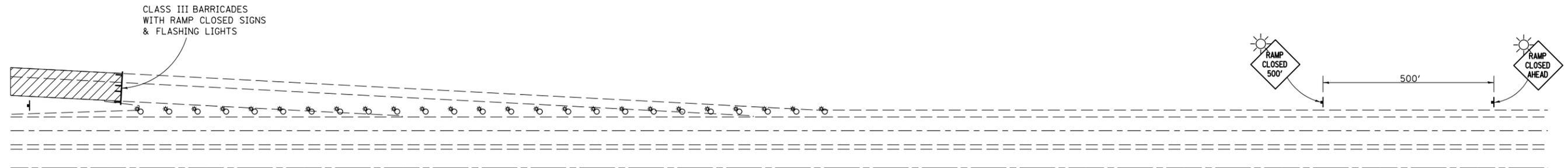
ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail **TRAFFIC CONTROL FOR RAMPS** and will not be paid for separately, but shall be included in the contract lump sum prices for Traffic Control and Protection, Standard 701401 and Traffic Control and Protection, Standard 701406.

**APPLICATION NO. 2  
RAMP CLOSURE**



**GENERAL NOTES**

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06
et:\pw\work\p\id\personbr\d0184863\0570648-sh-t-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/26/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

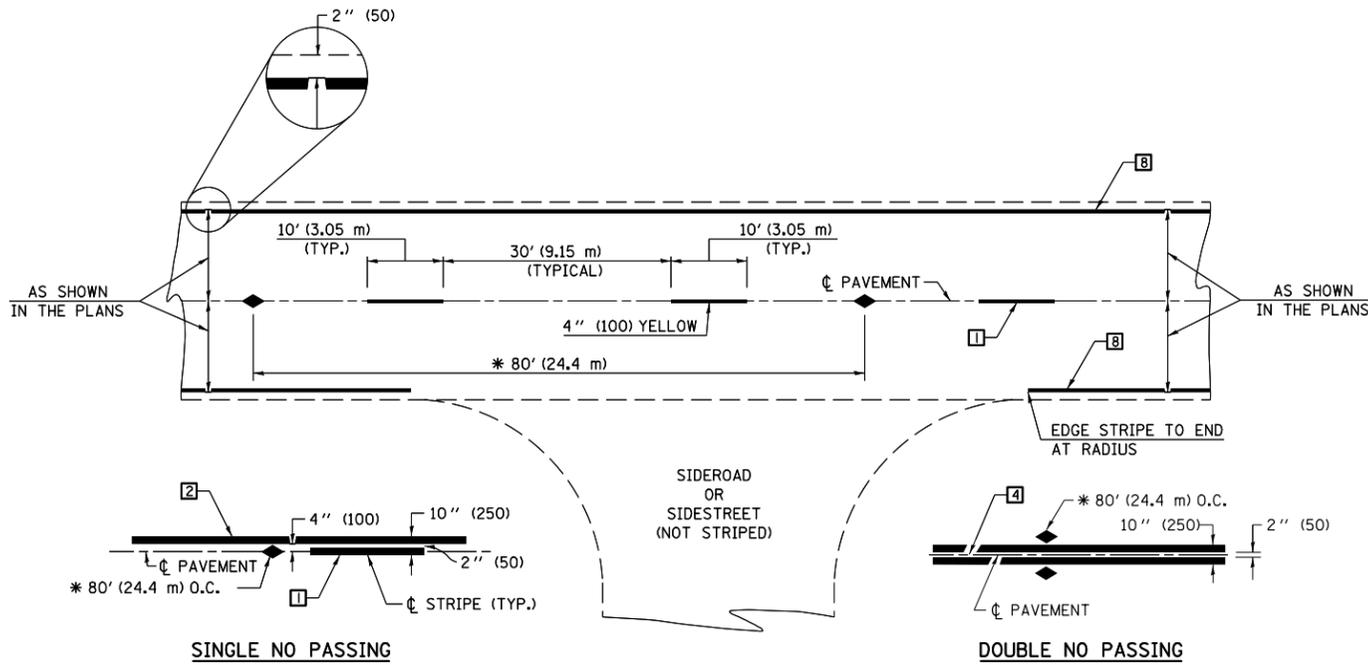
**TRAFFIC CONTROL FOR RAMPS**

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

**DISTRICT 5 DETAIL NO. 70103710**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	170
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

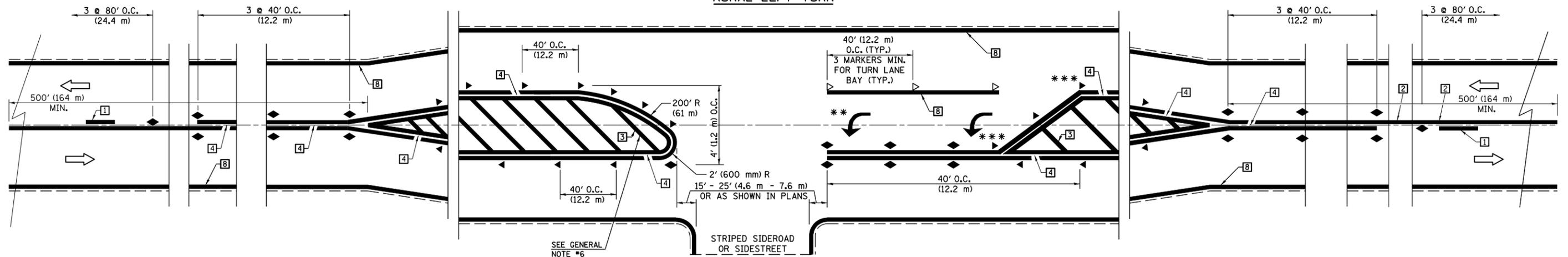
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

\*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/26/2011	DATE -	REVISED -

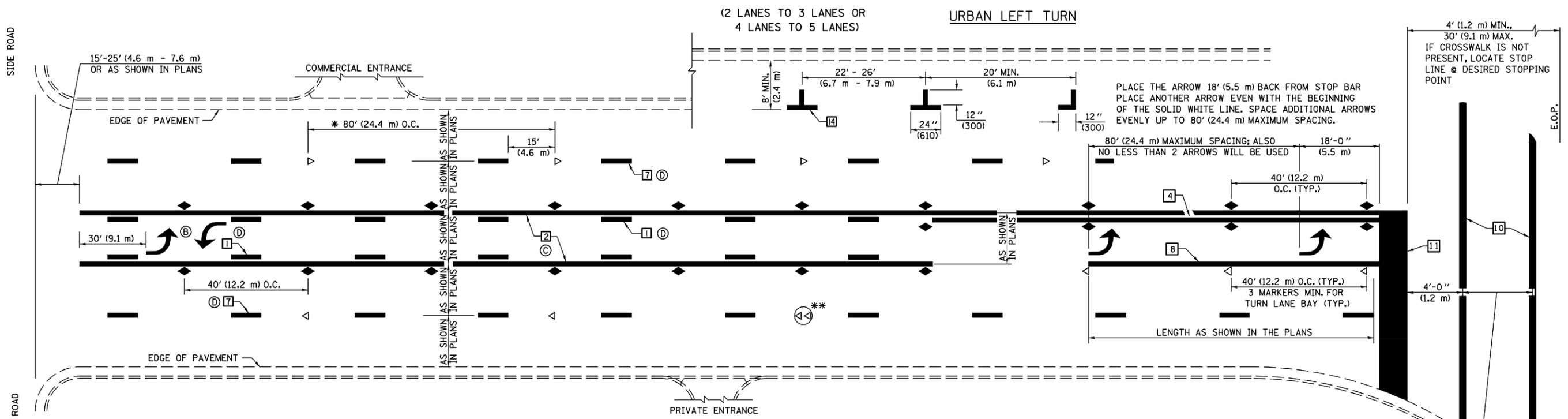
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 7800AAA**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	172
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

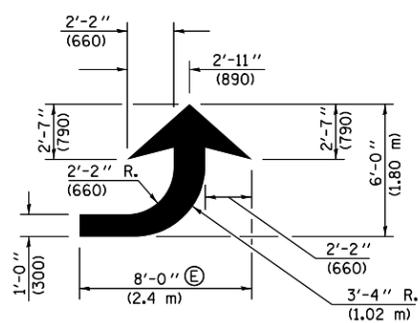


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

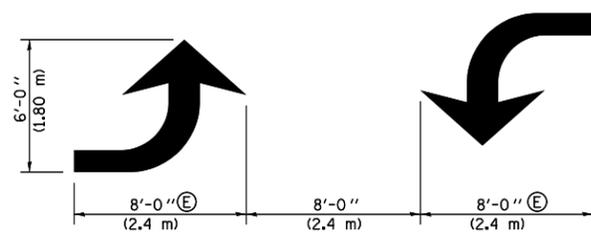
**GENERAL NOTES:**

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



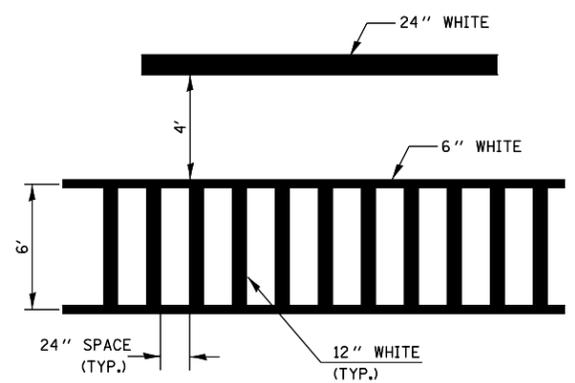
**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)

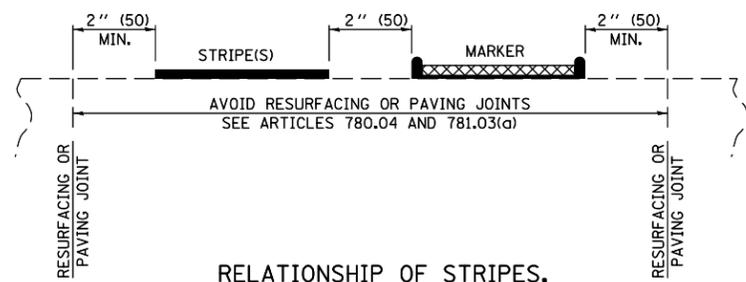


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

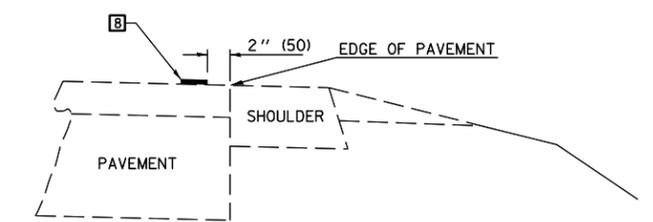
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



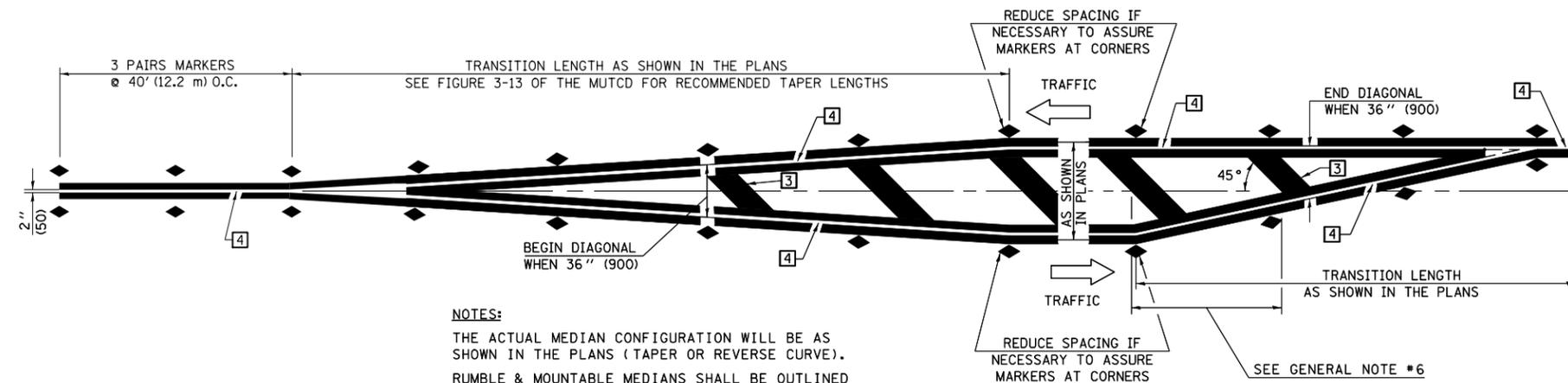
**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\personbr\d0184863\0570648-shit-details.dgn	DRAWN -	REVISED - 09/2009 - KJT	74			(57-23,57-24)RS-1	MCLEAN	175	173	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70648							
PLOT DATE = 8/26/2011	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

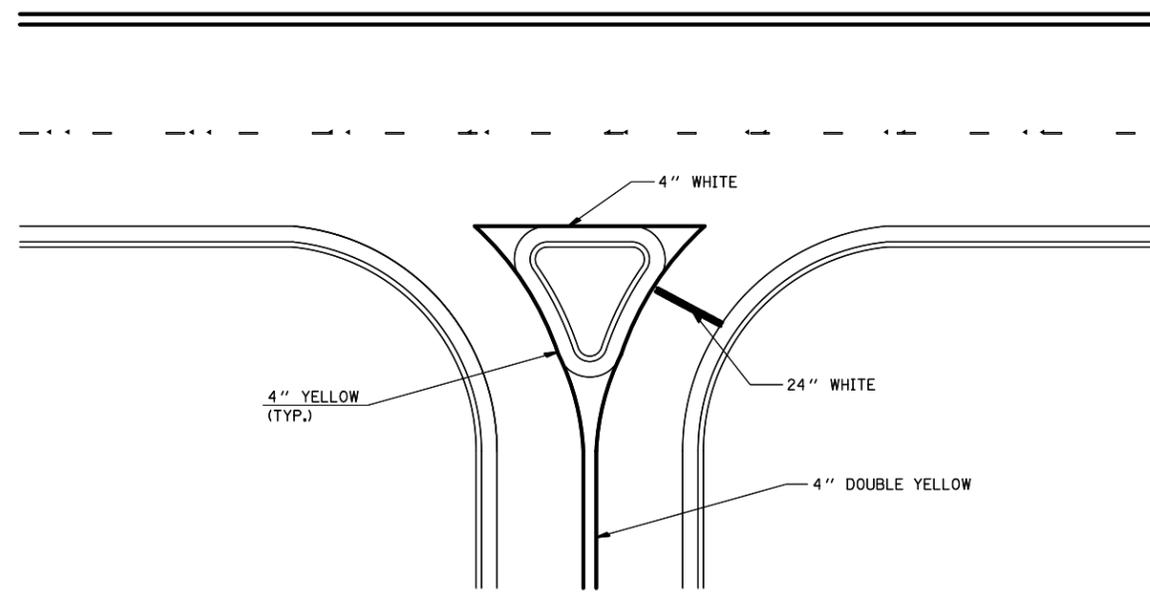


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

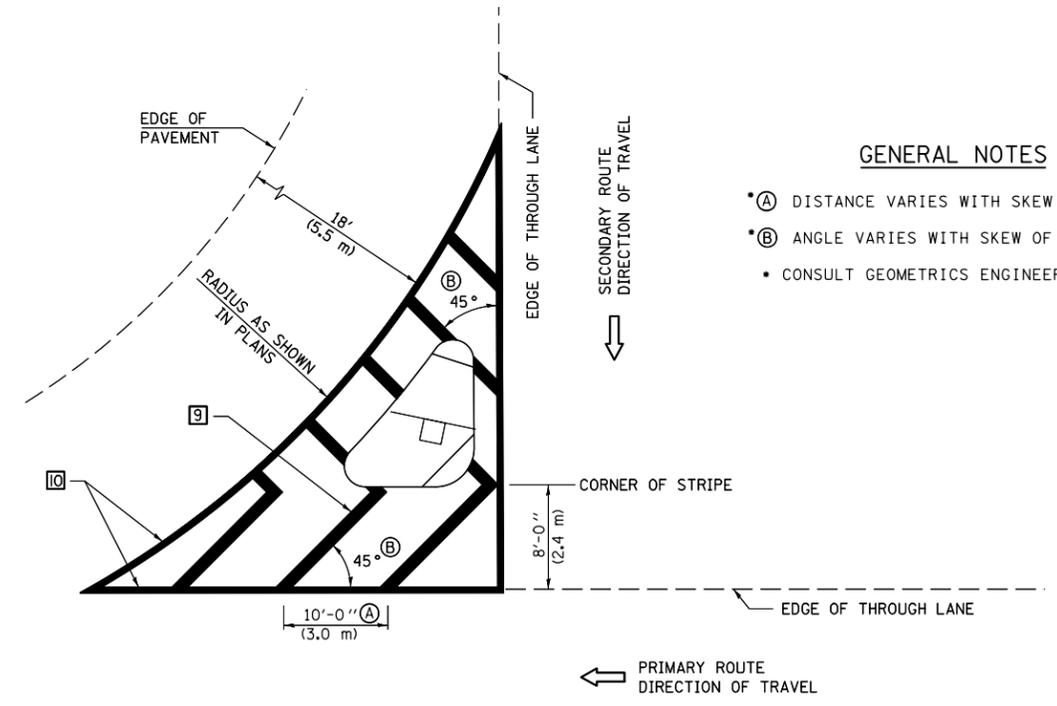
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**GENERAL NOTES**

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

**ISLAND**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/26/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

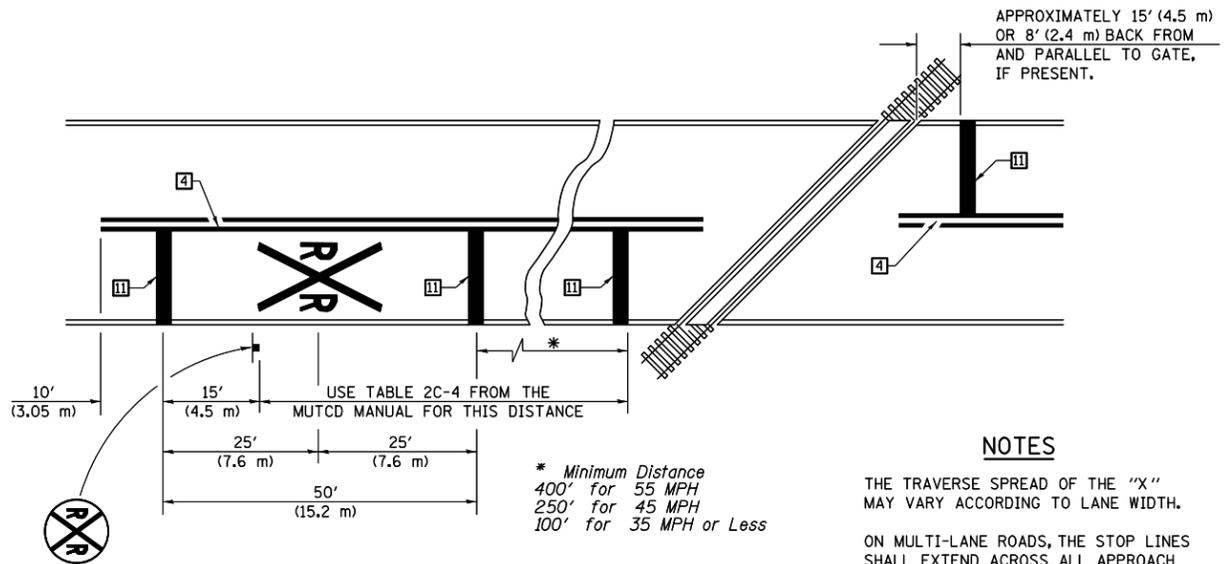
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 7800AAA**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	174
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

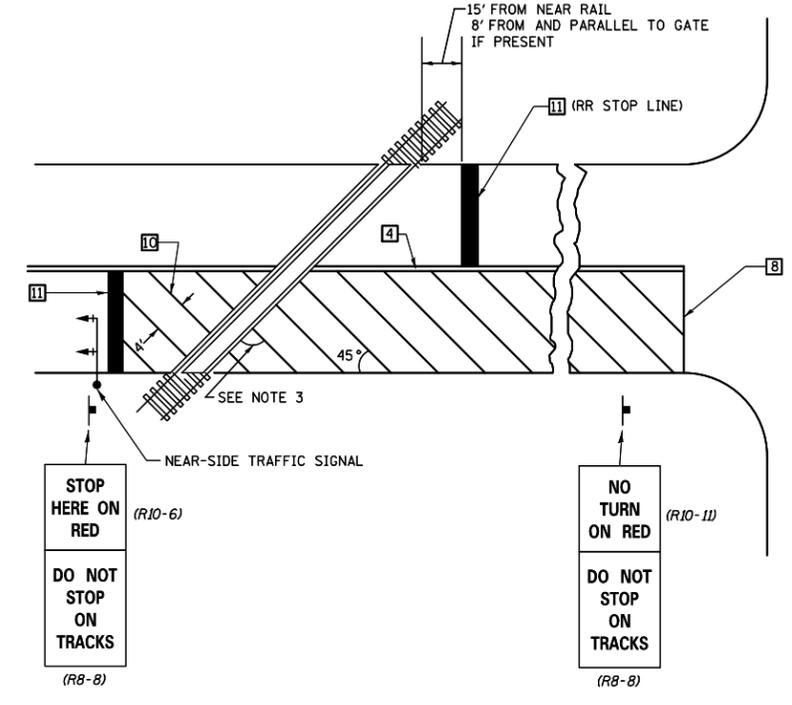
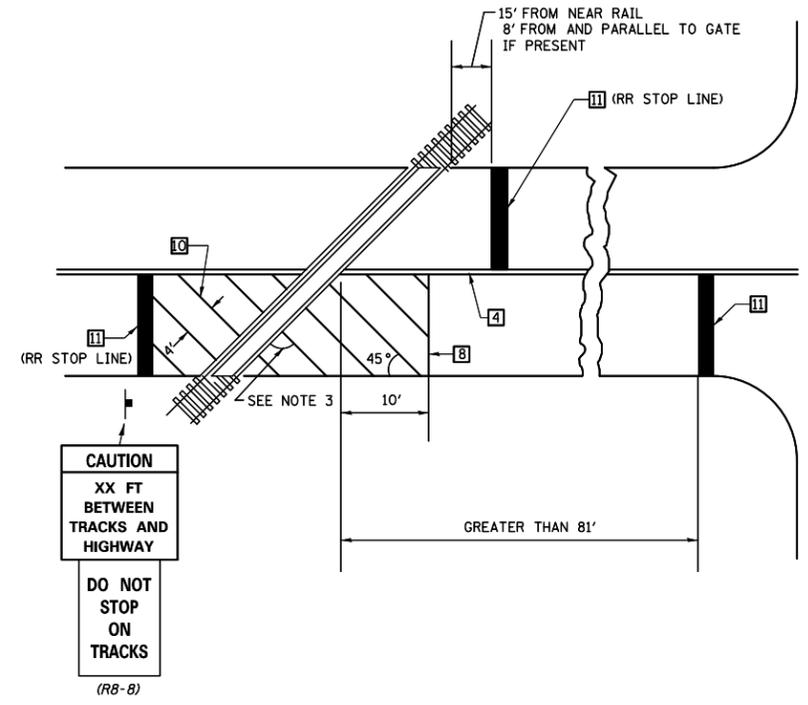
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

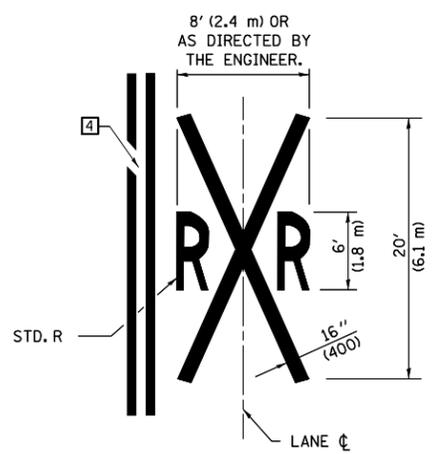
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

\* Minimum Distance  
400' for 55 MPH  
250' for 45 MPH  
100' for 35 MPH or Less



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ppersonbr	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 8/26/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(57-23,57-24)RS-1	MCLEAN	175	175
CONTRACT NO. 70648				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		