

04-24-2026 LETTING ITEM 114

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406101-D4

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- 701006-05
- 701011-04
- 701201-05
- 701301-04
- 701306-04
- 701326-04
- 701901-11
- 781001-04

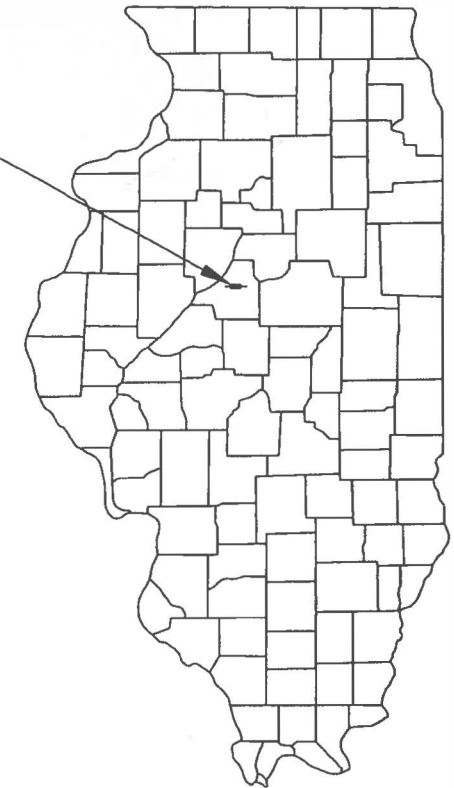
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
ROADWAY IMPROVEMENT

TAZEWELL COUNTY
F.A.S. 1467 - BROADWAY ROAD (CH 19)
SECTION NO. 25-00057-07-RS
JOB NO. C-94-042-26

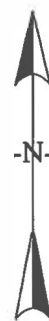
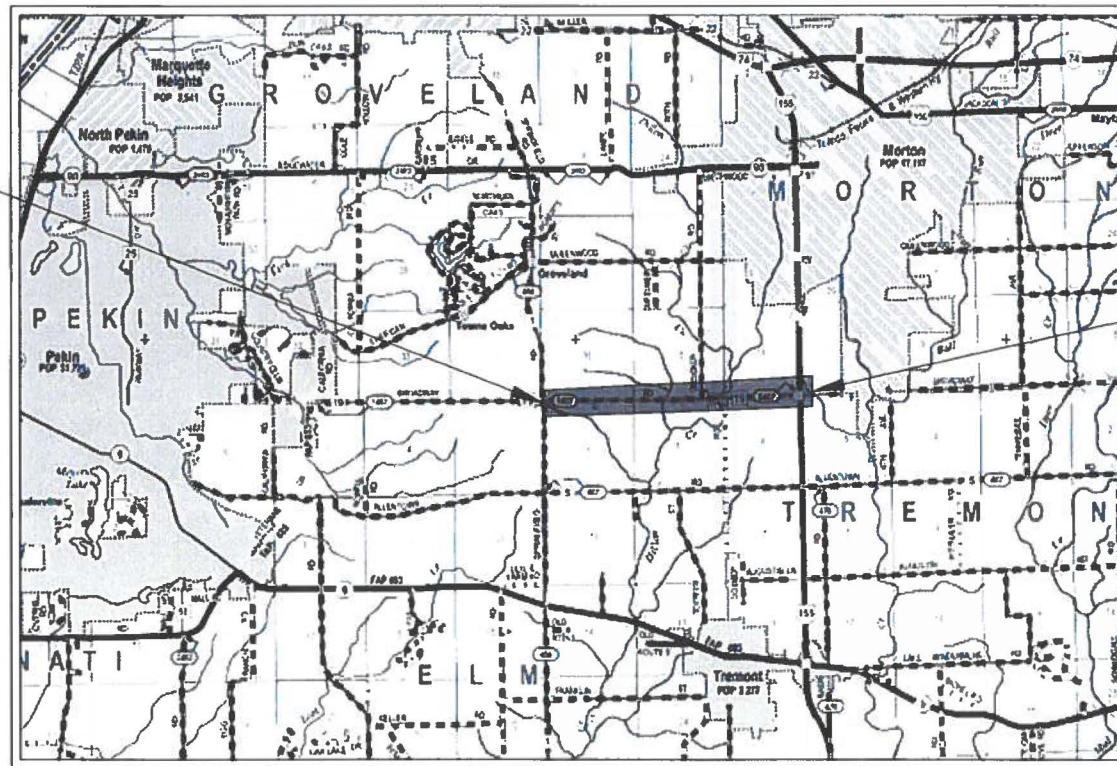
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1467	25-00057-07-RS	TAZEWELL	10	1
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

PROPOSED
PROJECT
LOCATION



BEGIN IMPROVEMENT
STA. 216+40

IMPROVEMENT ENDS
STA. 377+37



TOLL FREE
JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
(J.U.L.I.E.) TELEPHONE NUMBER
1-800-892-0123

DESIGN GUIDELINES: LAFO
ADT (2023) = 4700
DESIGN SPEED: 55 M.P.H.
HIGHWAY CLASS: MINOR ARTERIAL
CONTRACT NO: 89898
CATALOG NO: 06772-00

0 1 mi
SCALE OF LAYOUT

NET LENGTH OF IMPROVEMENT: 15,673 FEET OR 2.968 MILES
TOTAL LENGTH OF IMPROVEMENT: 16,097 FEET OR 3.049 MILES

THESE PLANS WERE PREPARED BY A FULL TIME
MEMBER OF MY STAFF UNDER MY PERSONAL
SUPERVISION.

DATE:

Alan Pan
TAZEWELL COUNTY ENGINEER



APPROVED *January 30th 2026*
Alan Pan
TAZEWELL COUNTY ENGINEER
PASSED *February 10, 2026*
Tony Cassino Sr.
DISTRICT 4 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID
BASED ON LIMITED
REVIEW *February 11, 2026*
Frank James
REGION 3 ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1467	25-00057-07-RS	TAZEWELL	10	2
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE:

CODE NO.	PAY ITEM	UNIT	QUANTITY
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	86,098
40600405	MATERIAL TRANSFER DEVICE	TON	5,363
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,350
40600990	TEMPORARY RAMP	SQ YD	64
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	3,797
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	5,363
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	63,990
44201723	CLASS D PATCH, TYPE IV, 6"	SQ YD	80
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	252
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,296
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	941
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	204
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	204
X4811300	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	TON	852
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
# Z0076600	TRAINEES	HOUR	1,000
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000

* SPECIALTY ITEM

0042

GENERAL NOTES

1) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

2) BASED ON THE STRUCTURAL ANALYSIS. THE FOLLOWING STRUCTURE CAN BE CROSSED WITH AN EMPTY CATEGORY I MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS: 090-0132 (40 TONS).

SUMMARY OF QUANTITIES BROADWAY RD. (CH 19) SEC. 25-00057-07-RS TAZEWELL COUNTY	
CONTRACT NO.	89898
PROJECT NO.	
JOB NO.	C-94-042-26

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1467	25-00057-07-RS	TAZEWELL	10	3
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	

QUANTITY DETAILS (SHEET 1 OF 2)

FAS 1467 -Broadway Rd. (CH 19) - East of Springfield Rd. (CH 1) (Sta. 216+40)
easterly to east of I-155(Sta. 377+37)

Total Road Length: 16,097 Feet
 Net Road Length: 15,673 Feet - (Bridge Omission - 424 Feet)
 Road Width: 24 Feet
 Paved Shoulder Width:
 Sta. 216+40 to Sta. 352+00 6 Feet
 Sta. 352+00 to Sta. 377+37 8 Feet
 Aggregate Shoulder Width: 1 Foot

HMA Binder Course thickness: 1.25 Inches
 P HMA Surface Course thickness: 1.50 Inches

Bituminous Area:	Roadway, Turnlane, & Shoulders:	63,840 SQ YD
	Sideroads, Drives, Etc.:	1,500 SQ YD
	TOTAL:	65,340 SQ YD

40600295 - POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) 0.08 lb / SQ FT on Milled Surface and between lifts	86,098 POUND
40600405 - MATERIAL TRANSFER DEVICE Poly HMA Surface Course	5,363 TON
40600982 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT Ends, Bridge Joints, Sideroads, and Driveways	1,350 SQ YD
40600990 - TEMPORARY RAMP	64 SQ YD
40602970 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50 Roadway & Shoulders - Sta. 216+40 to Sta. 352+00	3,797 TON
40604160 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50 Roadway & Shoulders - Sta. 216+40 to 377+37(minus Bridge Omission)	5,363 TON
44000155 - HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	63,990 SQ YD
44201723 - CLASS D PATCH, TYPE IV, 6" Sta. 372+42 RT - 27'x10': 30 SQ YD Sta. 374+27 LT - 45'x10': 50 SQ YD Total 80 SQ YD	80 SQ YD

QUANTITY DETAILS BROADWAY ROAD (CH 19) SEC. 25-00057-07-RS TAZEWELL COUNTY	
CONTRACT NO.	89898
PROJECT NO.	
JOB NO.	C-94-042-26

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1467	25-00057-07-RS	TAZEWELL	10	4
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	

QUANTITY DETAILS (SHEET 2 OF 2)

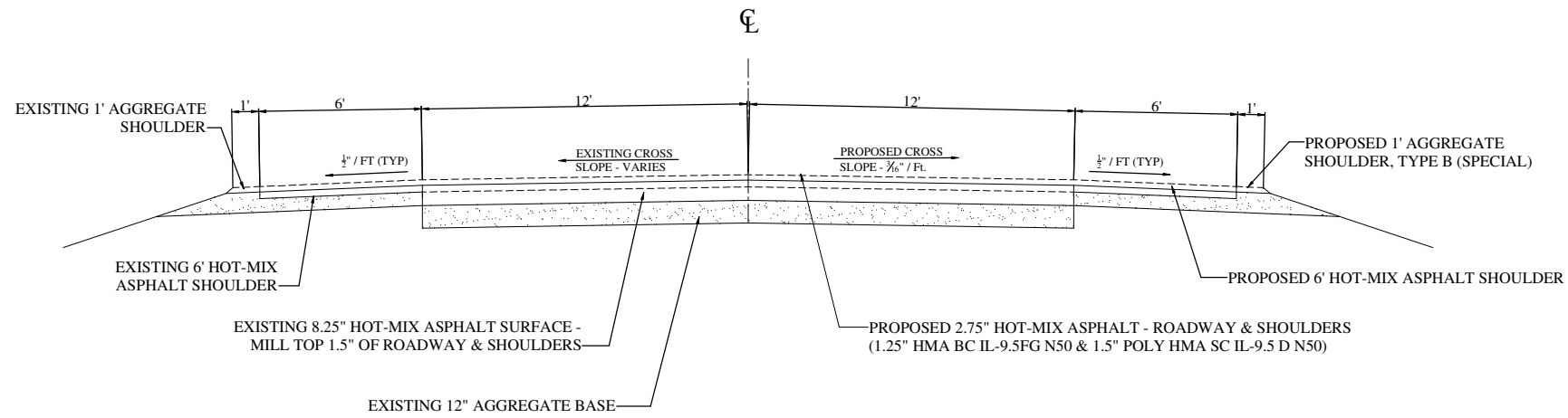
FAS 1467 -Broadway Rd. (CH 19) - East of Springfield Rd. (CH 1) (Sta. 216+40)
easterly to east of I-155(Sta. 377+37)

40800050 - INCIDENTAL HOT-MIX ASPHALT SURFACING Sideroads, Entrances, Etc.	252 TON
67100100 - MOBILIZATION	1 L SUM
70300100 - SHORT-TERM PAVEMENT MARKING Yellow 4 Lifts 4'/40': 6,272 Foot White 4 Lifts 4'/40': 5,024 Foot Total 11,296 Foot	11,296 FOOT
70300150 - SHORT TERM PAVEMENT MARKING REMOVAL	941 SQ FT
78100100 - RAISED REFLECTIVE PAVEMENT MARKER	204 EACH
78300200 - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	204 EACH
X4811300 - AGGREGATE SHOULDERS, TYPE B (SPECIAL) Roadway: 596 TON Radius, Drives, etc.: 257 TON Total: 852 TON	852 TON
X7010216 - TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1 L SUM

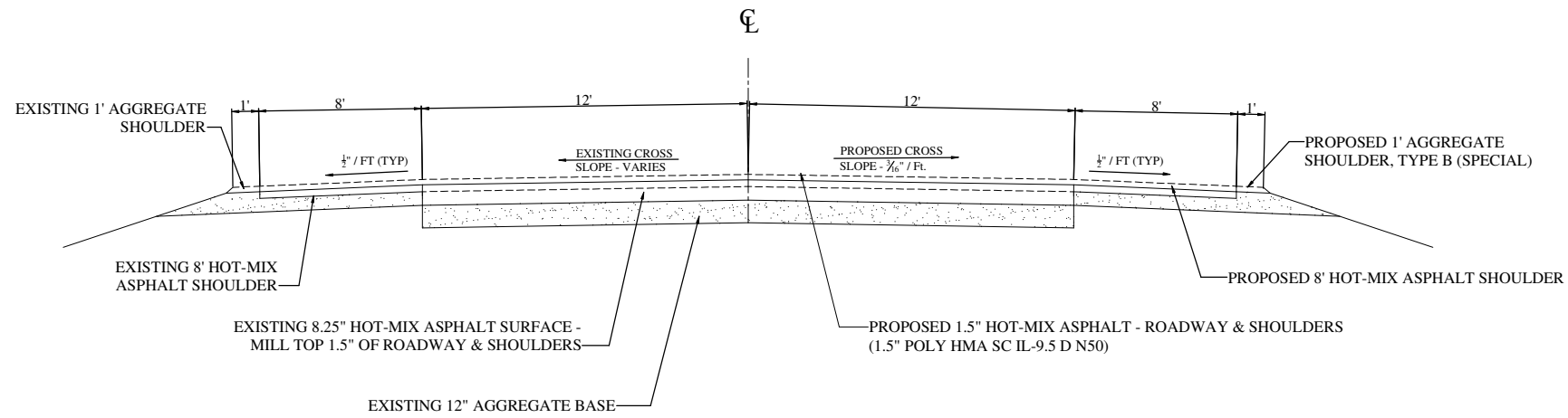
HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
LOCATION: FAS 1467 - BROADWAY ROAD (CH 19)					
MIXTURE USE:	CLASS D PATCHES (TOP LIFT)	CLASS D PATCHES (BOTTOM LIFT)	INCIDENTAL	BINDER	SURFACE
PG:	PG 64-22	PG 64-22	PG 58-28	PG 58-28	SBS 70-28
DESIGN AIR VOIDS:	4% @ Ndes 50	4% @ Ndes 50	4% @ Ndes 50	4% @ Ndes 50	4% @ Ndes 50
MIXTURE COMPOSTION: (MIXTURE GRADATION)	IL 9.5	IL 19.0	IL 9.5	IL 9.5FG	IL 9.5
FRICTION AGGREGATE:	MIXTURE D	NONE	MIXTURE D	NONE	MIXTURE D

QUANTITY DETAILS BROADWAY ROAD (CH 19) SEC. 25-00057-07-RS TAZEWELL COUNTY	
CONTRACT NO.	89898
PROJECT NO.	
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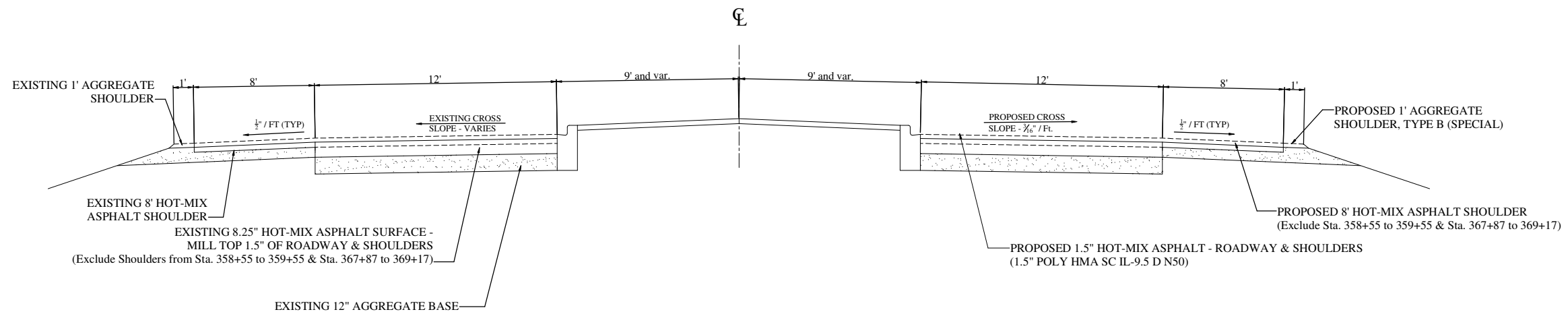
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1467	25-00057-07-RS	TAZEWELL	10	5
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	



TYPICAL CROSS SECTION - BROADWAY RD.
Sta. 216+40 to 352+00



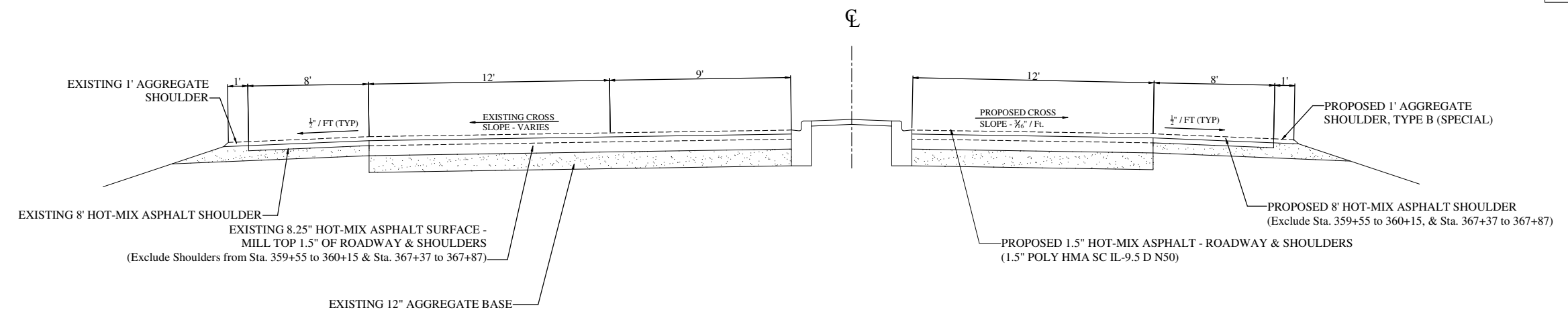
TYPICAL CROSS SECTION - BROADWAY RD.
Sta. 352+00 to 353+40 & Sta. 374+15 to 377+37



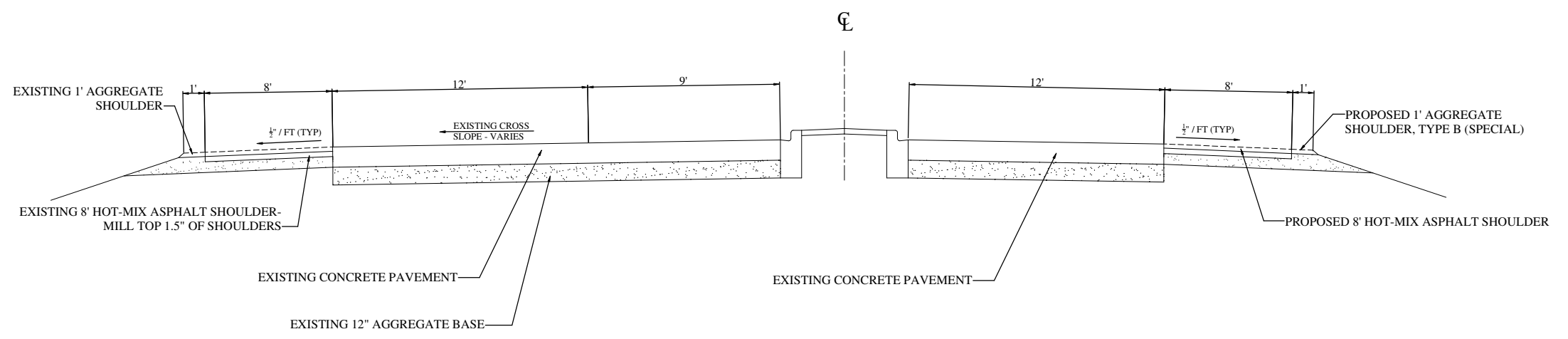
TYPICAL CROSS SECTION - BROADWAY RD.
Sta. 353+40 to 359+55 & Sta. 367+87 to 374+15

TYPICAL CROSS SECTIONS BROADWAY ROAD (CH 19) SEC. 25-00057-07-RS TAZEWELL COUNTY	
CONTRACT NO.	89898
PROJECT NO.	
JOB NO.	C-94-042-26

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1467	25-00057-07-RS	TAZEWELL	10	6
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	



TYPICAL CROSS SECTION - BROADWAY RD.
 Sta. 359+55 to 361+65 & Sta. 365+89 to 367+87

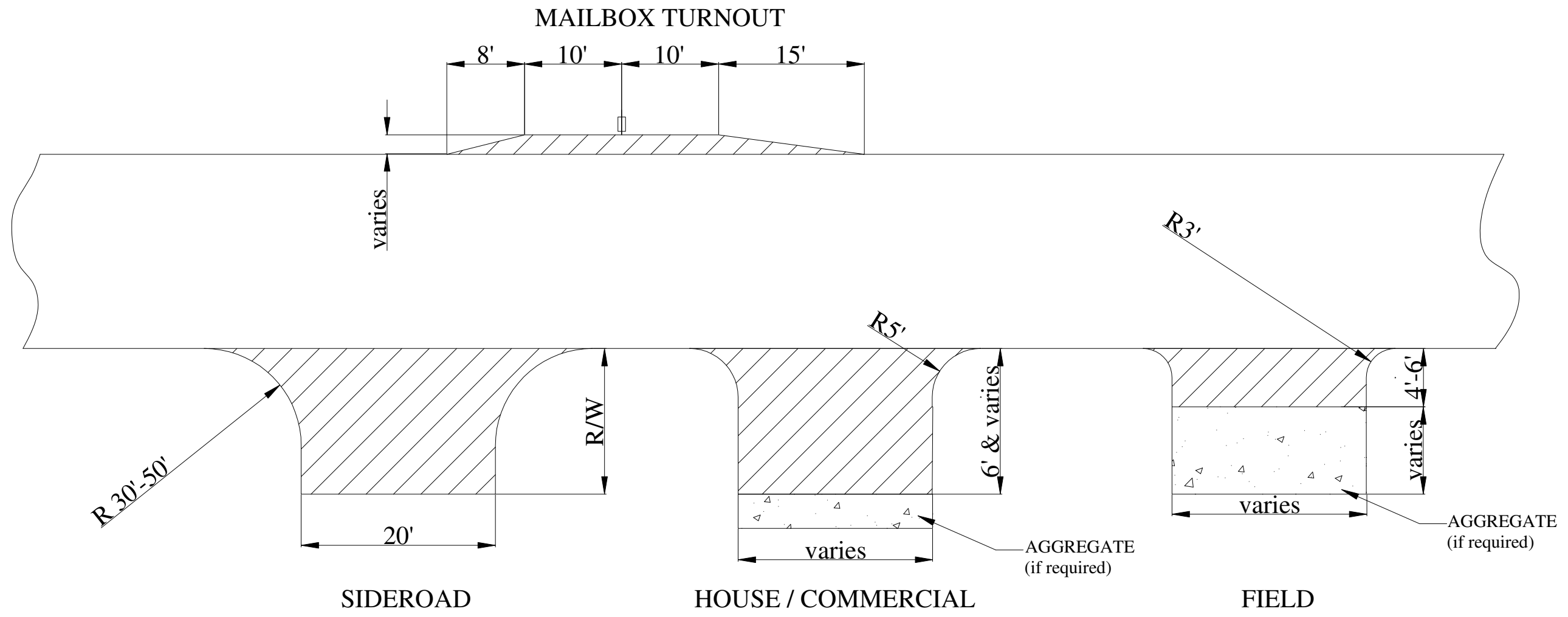


TYPICAL CROSS SECTION - BROADWAY RD.
 Sta. 361+65 to 362+50 & Sta. 365+04 to 365+89

TYPICAL CROSS SECTIONS BROADWAY ROAD (CH 19) SEC. 25-00057-07-RS TAZEWELL COUNTY	
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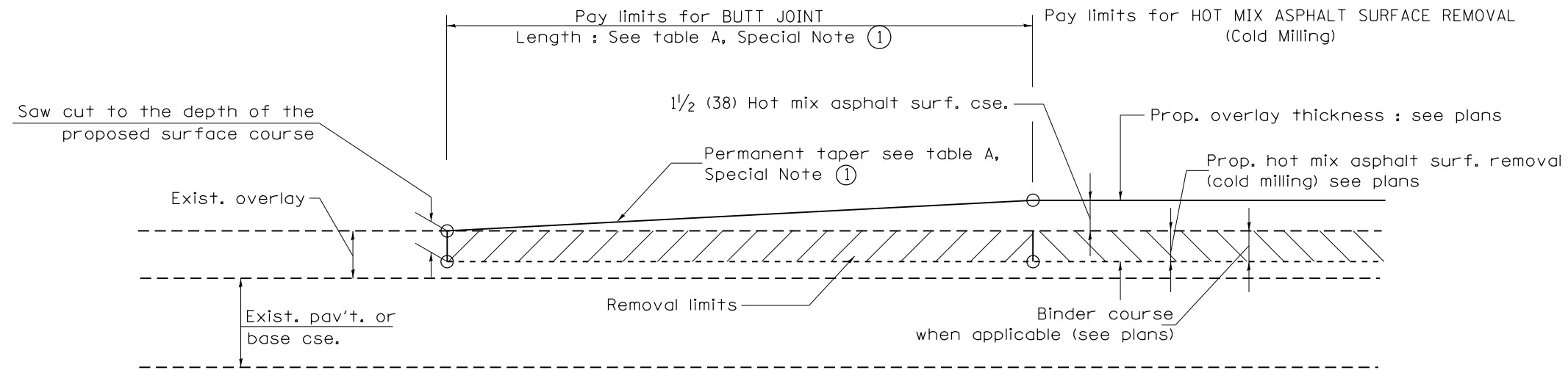
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FAU 1467	25-00057-07-RS	TAZEWELL	10	7
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	

STANDARD FOR HOT-MIX ASPHALT SURFACING AT SIDEROADS, ENTRANCES AND MAILBOXES



- Notes:
1. Dimensions are approximate and may be adjusted in the field by the Engineer
 2. The cost of preparing driveways will be considered included in the type of surface being constructed and will not be measured separately for payment. (See Spec. Prov.)
 3. Place AGGREGATE SHOULDERS, TYPE B (SPECIAL) behind drives to blend into existing aggregate drives.

ENTRANCE DETAIL BROADWAY ROAD (CH 19) SEC. 25-00057-07-RS TAZEWELL COUNTY	
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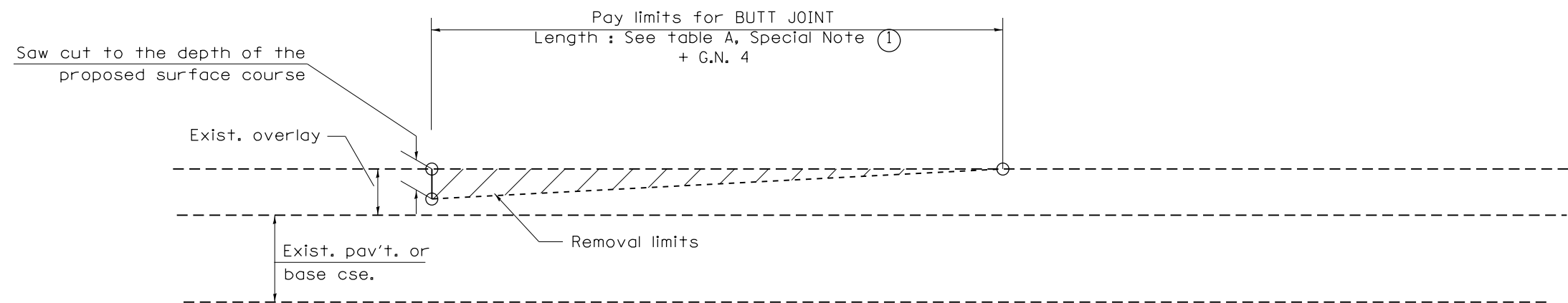
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

