

EXPANSION JOINT TREATMENT DETAIL

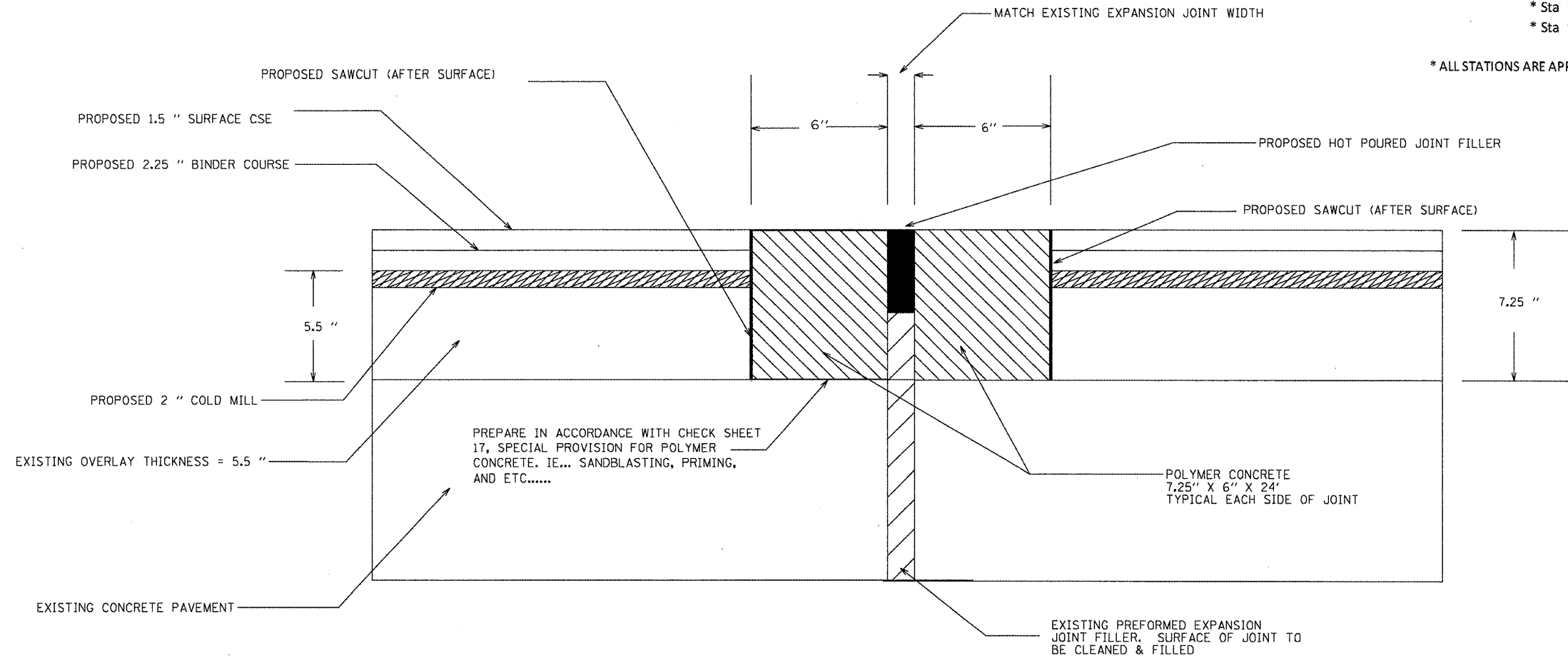
(DRAWING NOT TO SCALE)

EXPANSION JOINT LOCATIONS

* Sta 641+57
* Sta 646+36
* Sta 903+84
* Sta 906+23

* Sta 639+17
* Sta 647+65
* Sta 904+16
* Sta 906+55

* ALL STATIONS ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED DURING PATCHING OPERATIONS



REPAIR SEQUENCE

- 1 LOCATE ALL EXISTING EXPANSION JOINTS
- 2 DETERMINE IF A CLASS B PATCH - EXPANSION JOINT WILL BE REQUIRED (PATCH IF NECESSARY)
- 3 LAYOUT & TIE OFF ALL JOINTS SO THEY CAN BE LOCATED AFTER MILLING AND PAVING
- 4 COLD MILL 2" & REPAVE WITH BINDER AND SURFACE
- 5 SAWCUT NEW BINDER CSE ABOVE CENTER OF JOINT AS SOON AS MIX HAS BEEN FINAL ROLLED & TEMPERATURES ALLOW
- 6 SAWCUT NEW SURFACE CSE ABOVE CENTER OF JOINT AS SOON AS MIX HAS BEEN FINAL ROLLED & TEMPERATURES ALLOW
- 7 SAWCUT NEW SURFACE CSE AT 4" FROM BOTH JOINT OPENINGS
- 8 PREPARE IN ACCORDANCE WITH CHECK SHEET #17, RECURRING SPECIAL PROVISIONS
- 9 REMOVE ALL BITUMINOUS LAYERS DOWN TO EXISTING PCC CONCRETE WITH CARE
- 10 REMOVE ALL EXISTING JOINT MATERIAL
- 11 PLACE POLYMER CONCRETE NOSING AS SHOWN IN THIS PLAN DETAIL
- 12 POUR REMAINING JOINT OPENING WITH HOT POURED JOINT FILLER

NOTE:

REQUIRED SAWCUTS AND HOT POURED JOINT FILLER WILL BE INCLUDED IN THE COST OF **POLYMER CONCRETE**

POLYMER CONCRETE THICKNESS DETERMINATION

EXISTING OVERLAY	+/- 5.5 IN	
COLD MILL	2 IN	-
BINDER CSE	2.25 IN	+
SURFACE CSE	1.5 IN	+
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POLYMER CONCRETE	+/- 7.25 IN	

FILE NAME =
1-74 Morton General File.dgn

USER NAME = kilmankk

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / IN.

CHECKED -

REVISED -

PLOT DATE = 2/11/2009

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT TREATMENT DETAIL

SHEET NO. 1 OF 1 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-15)RS-3	TAZEWELL	60	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68508	