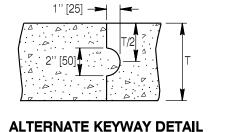
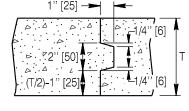
General Notes

- T = Slab thickness.
- (2) Begin placing deformed rebar and/or smooth bars beginning 6 inches [150] from the edge of pavement or as specified. For longitudinal joints, place rebar perpendicular to joints, for transverse joints, place rebar parallel to the direction of travel.
- ③ When transverse joints do not fracture in the joint at the edge of the slab, saw depth may be increased as approved by the engineer at no additional cost to the department.
- (4) Some joint sealants such as liquid joint sealants may require a 3/16'' [5] final joint width. For those conditions it is acceptable to make the initial saw cut width 3/16'' [5].
- (5) Type K, Pave-Thru Expansion Joints including the required sleeper slab and appurtenances may be substituted for Type E Expansion Joints at the contractor's expense. Provide 24 Gauge [0.7 thick] galvanized sheeting that meets the requirements of ASTM A653, coating designation G90. Cover the entire sleeper slab with the sheeting, acting as a bond breaker. Saw cut or form a full depth joint 1-1/2 inches [38] wide. Do not cut into the galvanized sheet.





SEE TYPICAL JOINT SEAL DETAIL

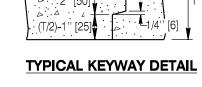
T/2

Engin

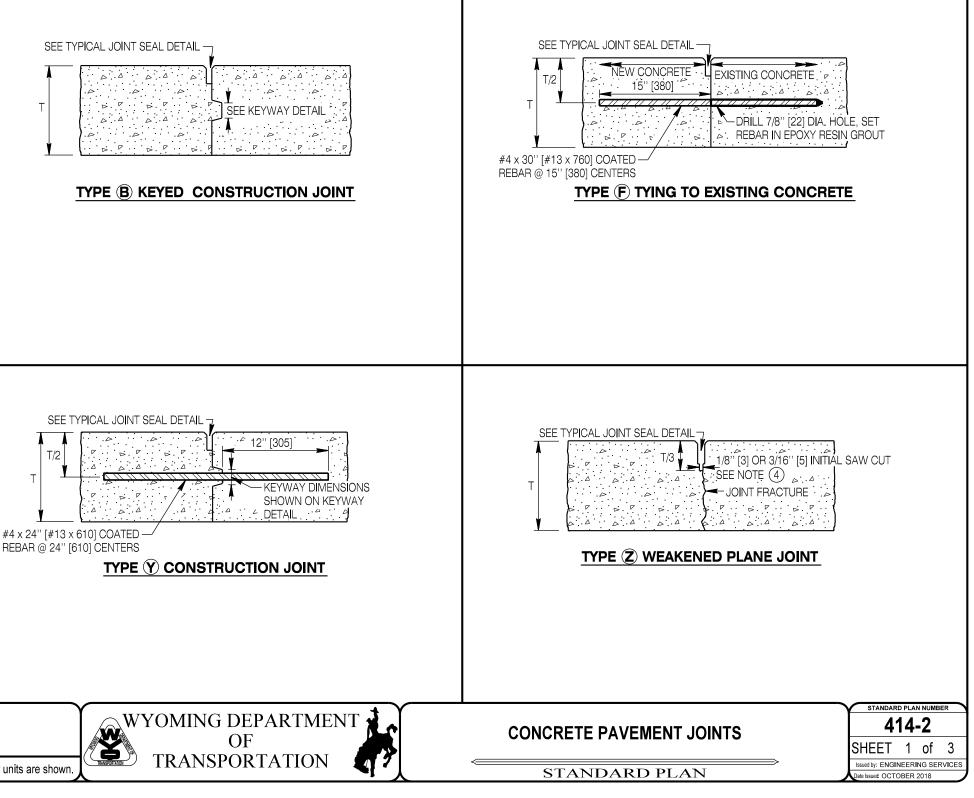
YOMIN

#4 x 24'' [#13 x 610] COATED -

Т



1/8" [3] OR 3/16" [5] INITIAL SAW CUT



REBAR @ 24'' [610] CENTERS TYPE (X) TIED WEAKENED PLANE JOINT

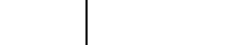
> eslaned by: WBW rawn by: RCS/JK

hecked by: WBW 414-1A

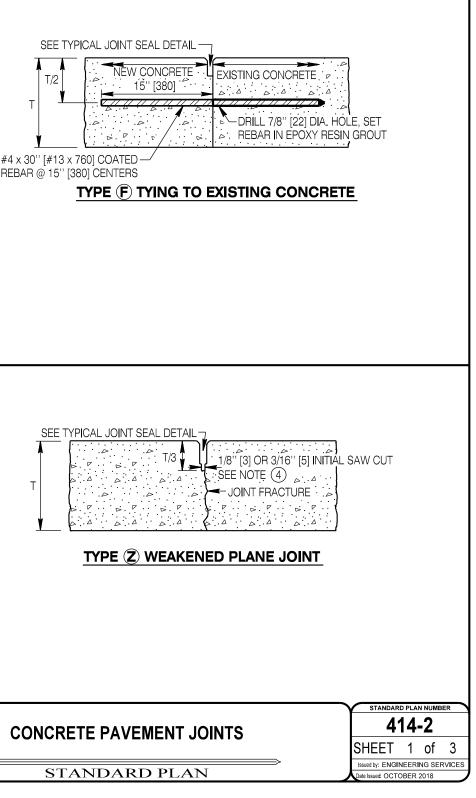
 \searrow SEE NOTE (4)

12" [305]

- JOINT FRACTURE

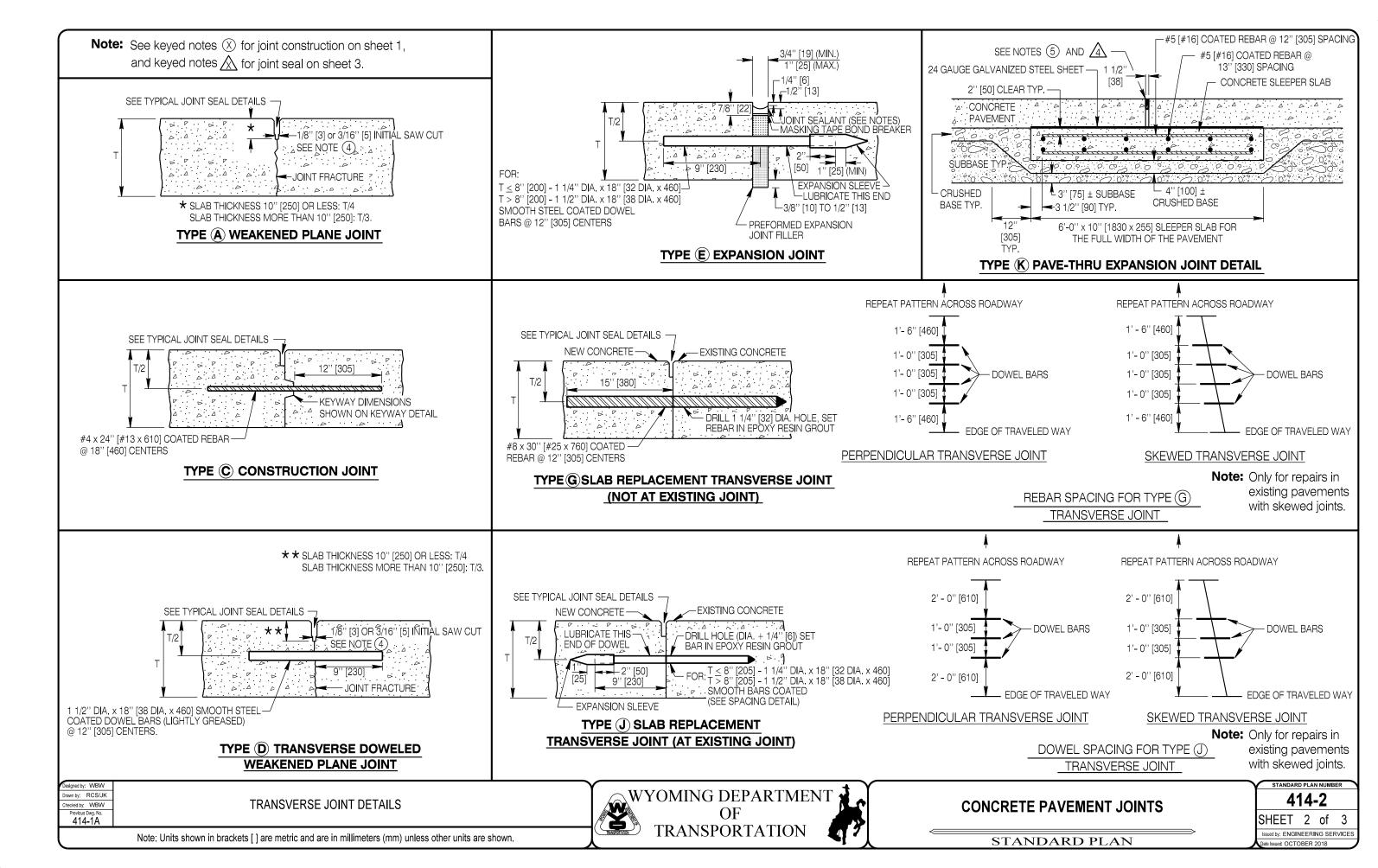






Note: Units shown in brackets [] are metric and are in millimeters (mm) unless other units are shown.

LONGITUDINAL JOINT DETAILS



Joint Seal Notes

ORIGINAL

SAW CUT

LESS THAN

mm

10

10

13

16

19

22

FROM

1 to 2 25 to 50

IN

3/8

3/8

1/2

5/8

3/4

7/8

FROM

- /1 Use the joint sealant type as specified in the contract.
- Seal type ''E'' joints with silicone seal
- $\cancel{3}$ Tape or close joint ends as approved by the engineer to prevent loss of joint sealant.

''A''

WIDTH OF

SAW CUT

mm

10

13

16

19

22

25

N

3/8

1/2

5/8

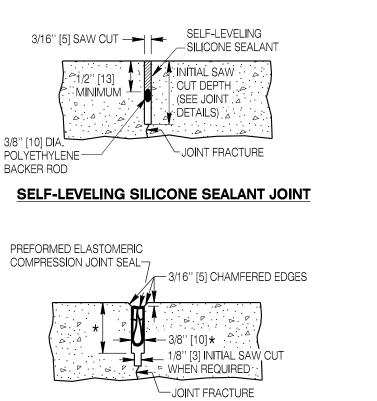
3/4

7/8

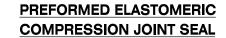
ORIGINAL WIDTH

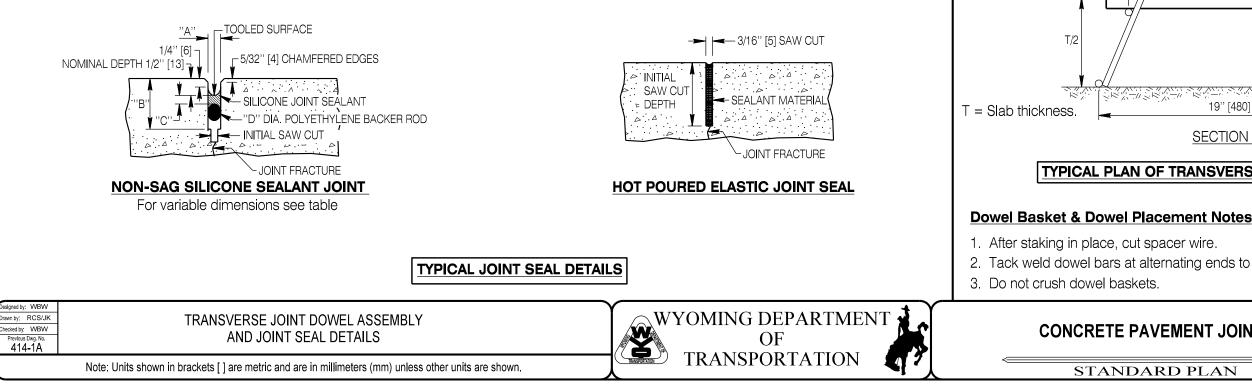
PLUS 1/8'' [3]

Seal Type K Pave-Thru Expansion Joints with a compression joint material which is closed-cell, cross-linked, low-density polyethylene copolymer, nitrogen blown resilient foam material with an ultraviolet stabilizer. Recess the compressed joint material 1/4 inch [6] below the top of the concrete pavement. Splices shall be beveled 45 degrees and butted together.



* MAKE DEPTH OF 3/8" [10] SAW CUT IN ACCORDANCE WITH JOINT SEAL MANUFACTURER'S RECOMMENDATIONS





NON-SAG SILICONE SEALANT JOINT DIMENSIONS ''B''

DEPTH OF

SAW CUT

mm

38

38

44

50

50

57

IN

1 1/2

1 1/2

1 3/4

2 1/4

DIM, "A" PLUS

1 1/2'' [38]

2

2

''C''

SEALANT

THICKNESS

mm

6

6

8

10

11

13

13

Ν

1/4

1/4

5/16

3/8

7/16

1/2

1/2

"D"

BACKER ROD

DIAMETER

mm

13

16

19

25

25

32

Ν

1/2

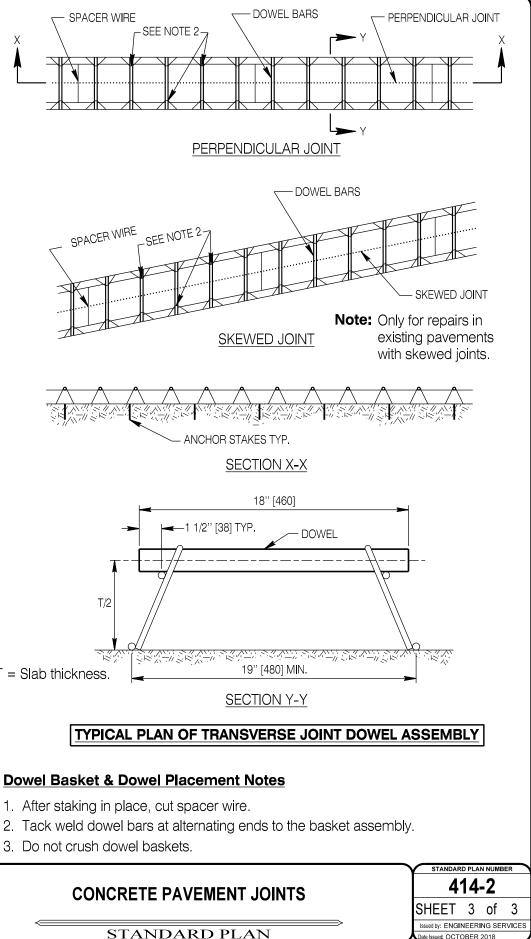
5/8

3/4

1 1/4

DIM, "A" PLUS

1/8'' [3]



SPACER WIRE

SPACER WIRE