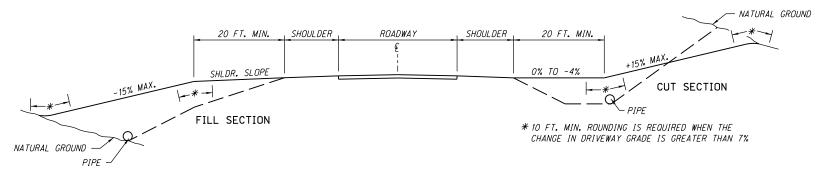
Typical X-Section Table of Contents

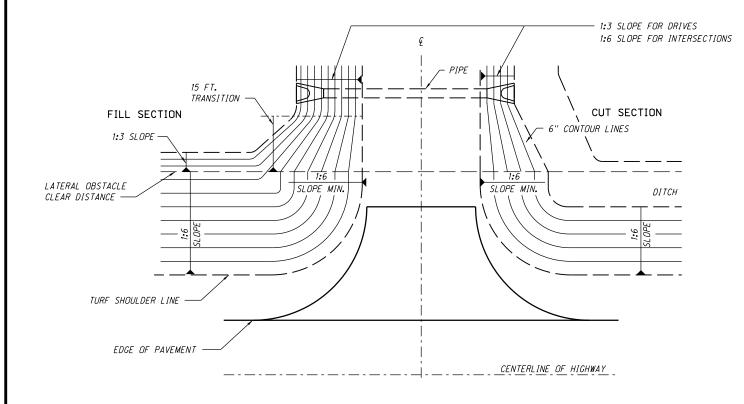
June 1, 2023

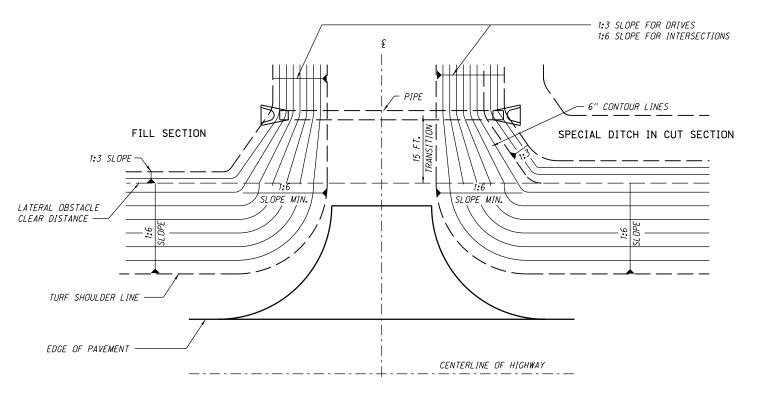
Plan No.	Title	Comments
4400 0 D4	D. H. C.	
1100 2 R4	Rural Intersections and Driveways	
1110 2 R0	Typical Cross Sections of Old Road Obliteration	
1700 2 R1	Grading for Guardrail End Treatments	
1702 2 R0	Grading for Terminal Anchorage Section	
1910 2 R0	Details of Maintenance Turnaround with 40' Median	
1911 2 R0	Details of Maintenance Turnaround with 64' Median	
3850 2 R24	Joint/Pavement Repair	
3851 2 R18	Joint/Pavement Repair (Overlay)	

RURAL INTERSECTIONS & DRIVEW AYS

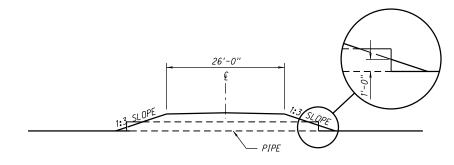


PROFILES FOR DRIVEWAY OR INTERSECTION GRADE EXCEEDING 8%

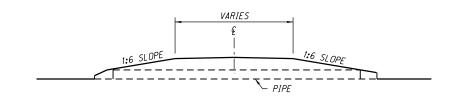




INTERSECTION OR DRIVEWAY WITHOUT SPECIAL DITCH



INTERSECTION OR DRIVEWAY WITH SPECIAL DITCH



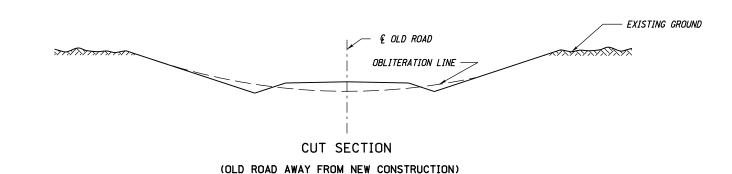


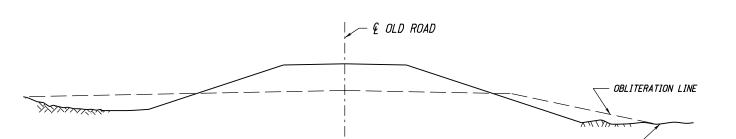
SECTION OF DRIVEWAY WITH PIPE

SECTION OF INTERSECTION WITH PIPE

TYPICAL CROSS SECTIONS OF OLD ROAD OBLITERATION

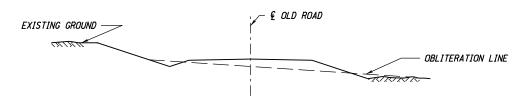
- EXISTING GROUND



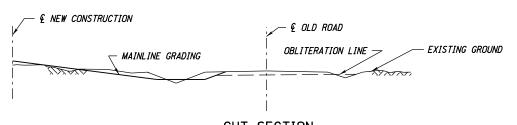


FILL SECTION

(OLD ROAD AWAY FROM NEW CONSTRUCTION)

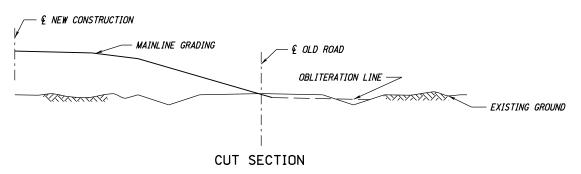


HALF CUT SECTION & HALF FILL SECTION
(OLD ROAD AWAY FROM NEW CONSTRUCTION)

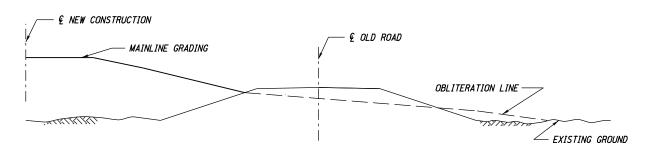


CUT SECTION

(OLD ROAD NEAR CUT SECTION, NEW CONSTRUCTION)

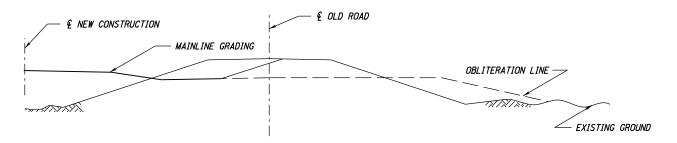


(OLD ROAD NEAR FILL SECTION, NEW CONSTRUCTION)



FILL SECTION

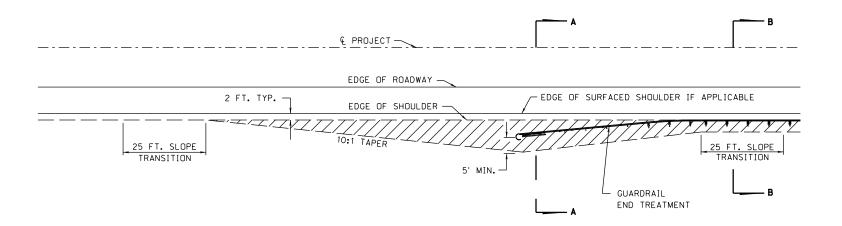
(OLD ROAD NEAR FILL SECTION, NEW CONSTRUCTION)



FILL SECTION

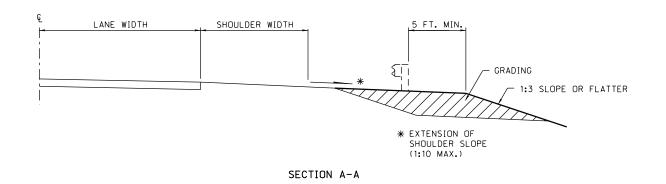
(OLD ROAD NEAR CUT SECTION, NEW CONSTRUCTION)

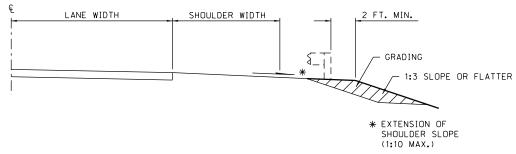




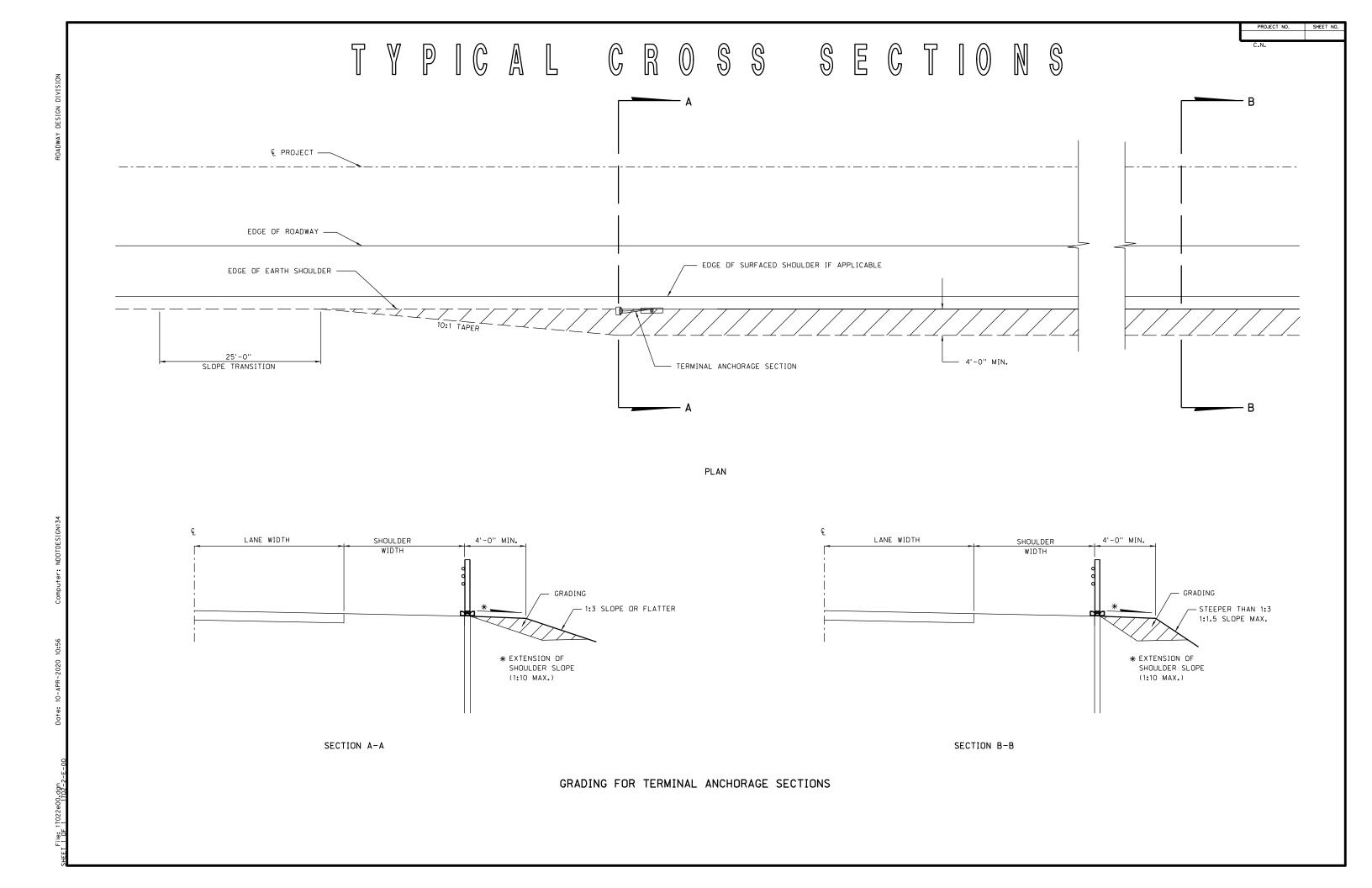
GRADING FOR GUARDRAIL END TREATMENTS

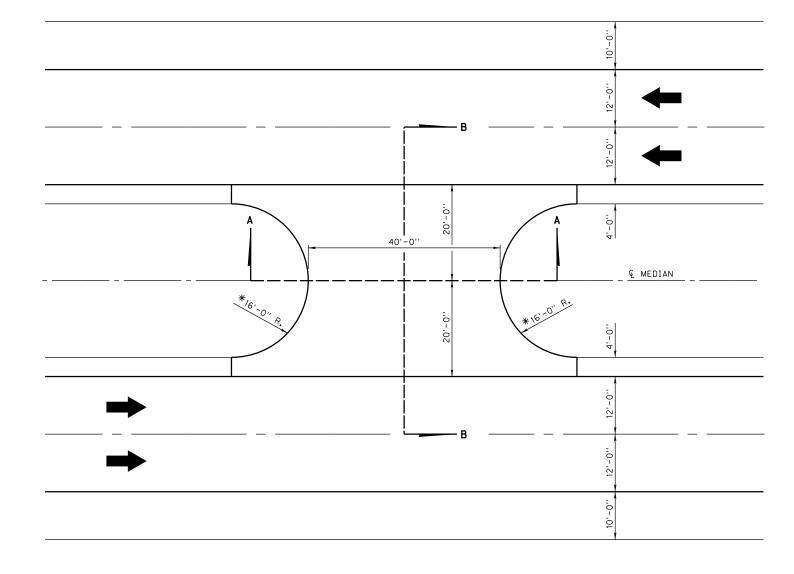
PLAN

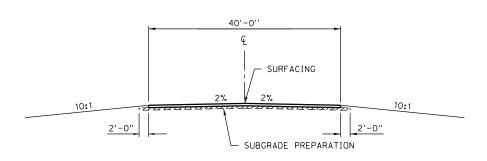




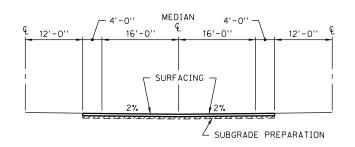
SECTION B-B







SECTION A-A

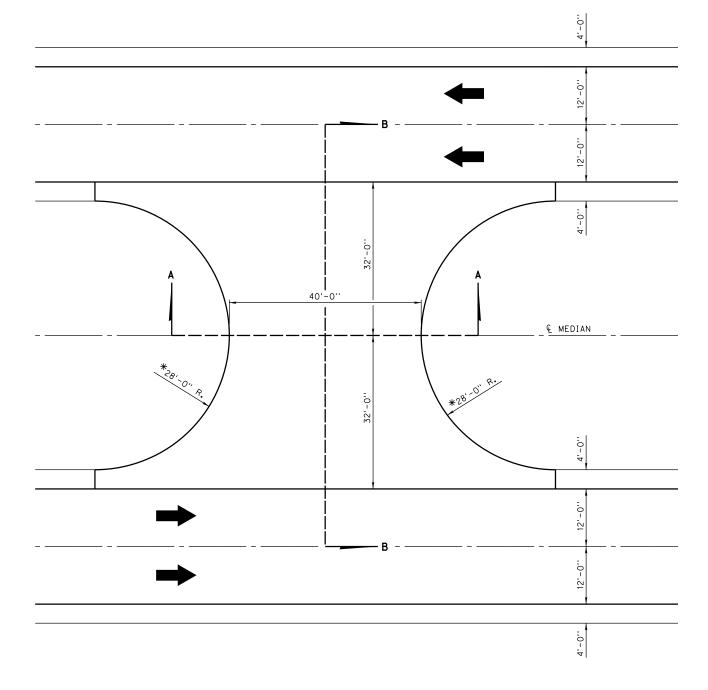


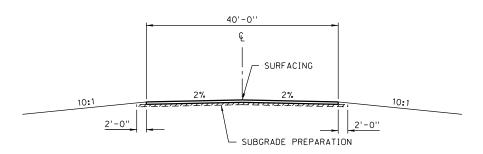
SECTION B-B

PLAN

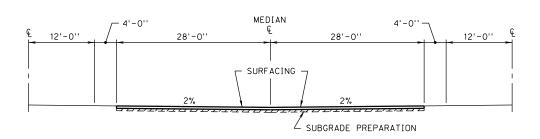
DETAILS OF MAINTENANCE TURNAROUND (40'-0" MEDIAN)

* NOTE: 16'-0" RADIUS BASED ON 4'-0" SHOULDER.





SECTION A-A

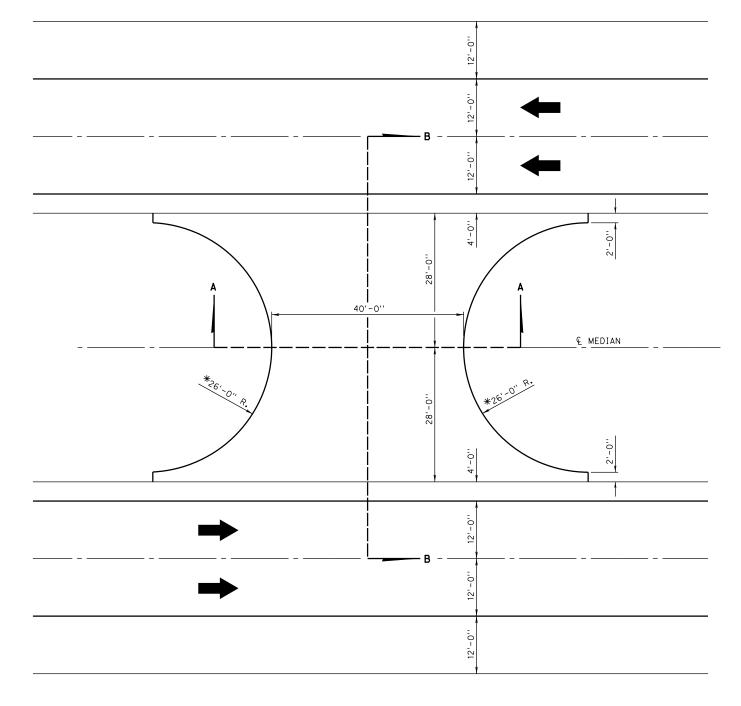


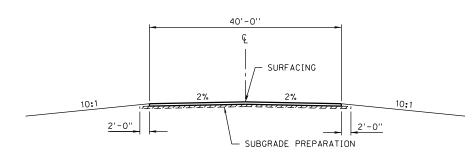
SECTION B-B

PLAN

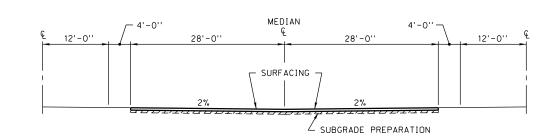
DETAILS OF MAINTENANCE TURNAROUND (64'-0" MEDIAN)

*NOTE: 28'-0" RADIUS BASED ON 4'-0" SHOULDER





SECTION A-A



SECTION B-B

PLAN

DETAILS OF MAINTENANCE TURNAROUND (64' MEDIAN)

* NOTE: 26'-0" RADIUS BASED ON 4'-0" SHOULDER WITH 2'-0" LUGOUT

1) FULL DEPTH DIAMOND SAW CUT.

BOND BREAKE

TIE BAR CUT OFF FLUSH WITH PAVEMENT WHEN

ONLY THIS PARTIAL

REPAIR SECTION

VARIABLE LENGTH
(4'-0" MIN. TO 9'-0" MAX.)

(4)

LONGITUDINAL JOINT

OUTSIDE

EDGE

LANE REMOVED-

- 2) INSTALL DOWEL BARS AT NEW TRANSVERSE JOINT NEAREST TO EXISTING TRANSVERSE INTO
- 3 INSTALL TIE BARS AT NEW TRANSVERSE JOINT OPPOSITE OF DOWEL BARS.
- 4) TIE BARS REQUIRED.

(5) LONGITUDINAL JOINT BOND BREAKER COMPOSED OF A THERMO-SETTING POLYURETHANE OF CLOSED CELL STRUCTURE OR STYROFOAM.

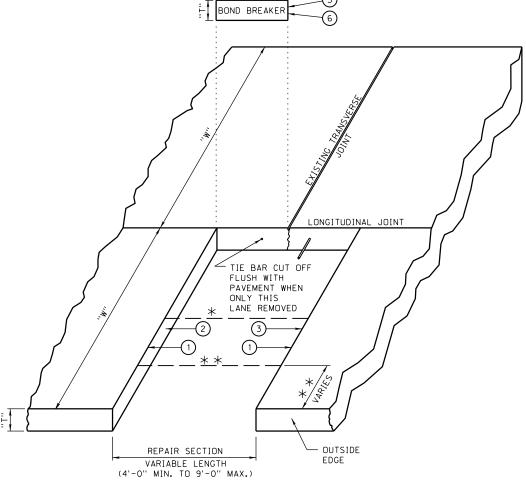
30 LB. NON-PERFORATED BLACK FELT MAY BE SUBSTITUTED AT FULL DEPTH LONGITUDINAL JOHNT WHEN APPROVED BY THE ENGINEER. JOINT MUST BE SEALED.

6 BOND BREAKER WILL BE INSTALLED ON THE LONGITUDINAL JOINT BETWEEN THE NEW DOWELED TRANSVERSE JOINT AND THE EXISTING TRANSVERSE JOINT.

NOTES:

ALL DOWEL BARS AND TIE BARS WILL BE EPOXY COATED.

THE EXISTING TRANSVERSE JOINT SHALL NOT BE RE-ESTABLISHED IN THE JOINT REPAIR.



NOTES:

* IF THE LENGTH OF REPAIR IS 9'-O" OR LESS AND WIDTH OF REPAIR IS GREATER THAN 6'-O", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).

CONTRACTOR HAS OPTION TO SAW OR TOOL LONGITUDINAL JOINT ON DIAMOND GRINDING PROJECTS.

OR

** IF THE WIDTH OF PANEL ("W") WAS PREVIOUSLY WIDENED, CONSTRUCT A TOOLED LONGITUDINAL JOINT TO MATCH THE LONGITUDINAL JOINTS OF THE ADJOINING PANELS.

IF THE PAVEMENT REPAIR SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE FXISTING CURB.

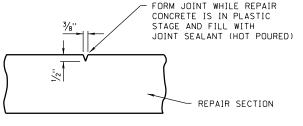
LEGEND

"W" WIDTH OF PANEL

"L" LENGTH OF PANEL

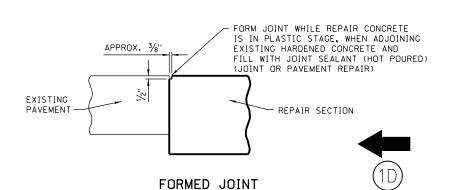
"T" THICKNESS OF CONCRETE

NOTE: FOR JOINT REPAIR LOCATIONS, SEE SHEET C



TOOLED LONGITUDINAL JOINT

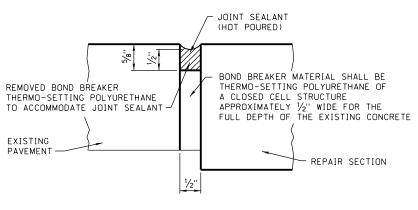
NOTE: CONTRACTOR HAS OPTION TO SAW OR TOOL LONGITUDINAL JOINT ON DIAMOND GRINDING PROJECTS.



CONCRETE PAVEMENT JOINT REPAIR, PARTIAL LANE

1)-

BOND BREAKER



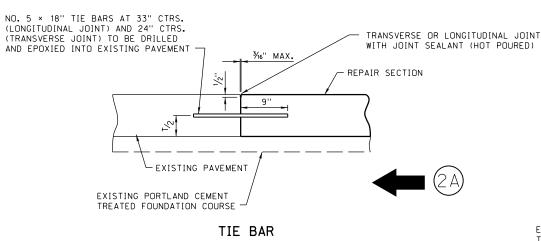
THERMO-SETTING
POLYURETHANE BOND BREAKER

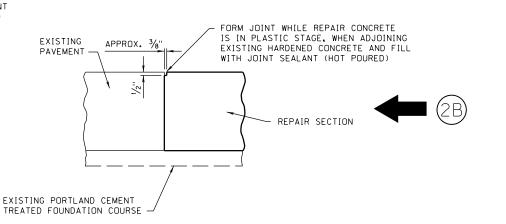


CONCRETE PAVEMENT JOINT REPAIR

PROJECT NO. SHEET NO.

NO OVERLAY TIES, DOWELS AND SEALING





EXISTING
CONCRETE
PAVEMENT

X

35°

EPDXY ADHESIVE FROM APPROVED PRODUCTS LIST

NO. 5 DEFORMED BAR
EPOXY COATED

EXISTING
CONCRETE
PAVEMENT

CROSS STITCHING EXISTING CONCRETE PAVEMENT

(SEE SHEET C FOR LOCATIONS)

NOTE: DEFORMED BAR SHALL BE 1" BELOW THE SURFACE

"T"	"X"	"D"	"L"
8.0"	5.7"	11.9"	9.8"
9.0"	6.5"	13.5"	11.5"
10.0" 11.0"	7.0'' 8.0''	14.0'' 16.0''	12 . 5" 13 . 0"
12.0"	8.5"	17.5"	14.0"
13.0"	9.5"	20.0"	18.0"
14.0"	10.0"	21.0"	18.0"

FORMED JOINT

1½" DIA. × 18" DOWEL BARS "T" = 8" TO 9",

1½" DIA. × 18" DOWEL BARS "T" = 10" OR MORE

DOWEL BARS TO BE DRILLED AND EPOXIED INTO

EXISTING PAVEMENT, PLACE EPOXY RETENTION

DISK. SUPPORT DOWEL BARS IN HORIZONTAL

POSITION UNTIL EPOXY DRIES.

EXISTING PAVEMENT

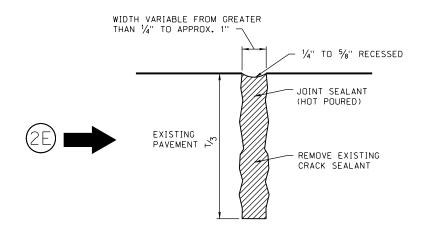
EXISTING PORTLAND CEMENT

TREATED FOUNDATION COURSE

TRANSVERSE JOINT WITH

JOINT SEALANT (HOT POURED)

GREASE THIS SIDE ONLY

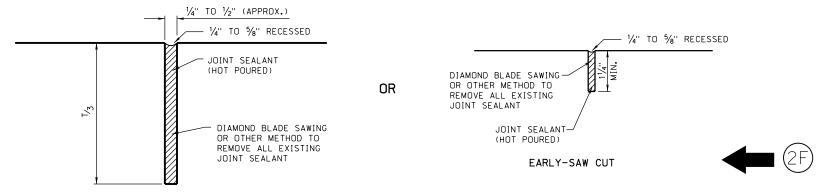


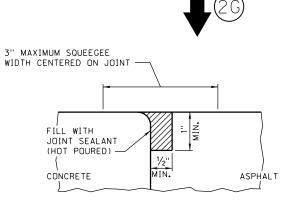
DOWEL BAR

NOTE: ALL DOWEL BARS WILL BE EPOXY COATED

TYPICAL TRANSVERSE AND LONGITUDINAL CRACK

NOTE: FOR CRACK SEALING LOCATIONS, SEE SHEET C





LONGITUDINAL JOINT SEALING DETAIL

(ASPHALT TO CONCRETE)

TRANSVERSE AND LONGITUDINAL JOINT DETAILS

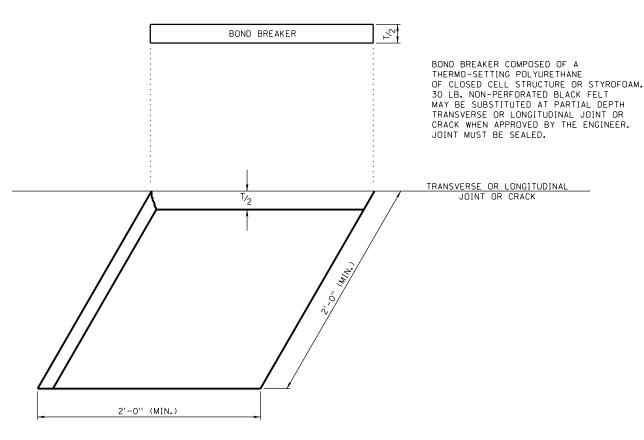
"T" = *

NOTE:
JOINT MAY BE SAWN 1/8" WIDER THAN EXISTING, UP TO 5/8" MAXIMUM WIDTH, TO FACILITATE EXISTING JOINT SEALANT REMOVAL.

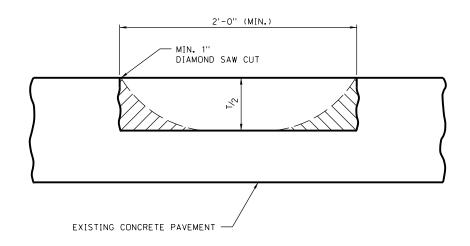
File: 38502e24.dgn 3850-2-F-24 Date: 1

YPICAL CROSS SECTI

NO OVERLAY PARTIAL DEPTH REPAIR

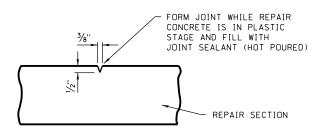


TRANSVERSE OR LONGITUDINAL JOINT OR CRACK



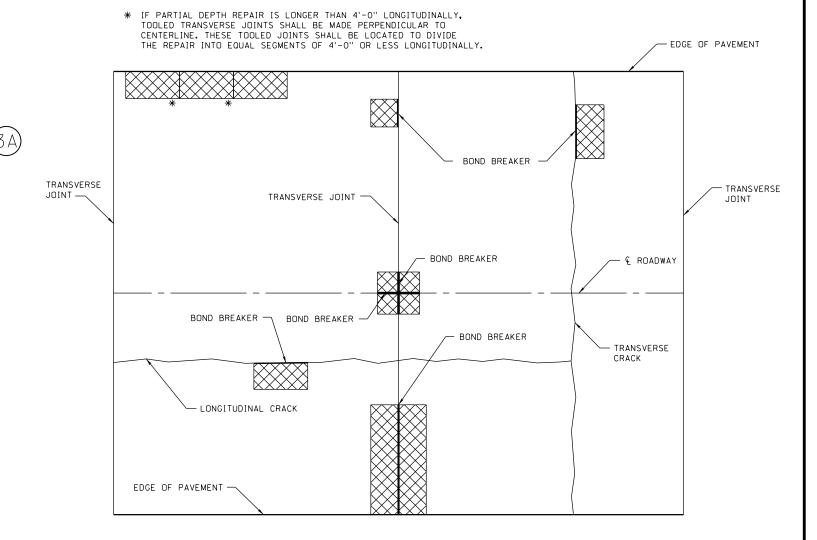
INDICATES MATERIAL LEFT AT MARGINS OF MILLED CUTS TO BE REMOVED WITH A 15# MAXIMUM CHIPPING HAMMER TO PROVIDE VERTICAL EDGES ALL AROUND

TYPICAL SECTION OF PARTIAL DEPTH REPAIRS



TOOLED LONGITUDINAL JOINT

CONTRACTOR HAS OPTION TO SAW OR TOOL LONGITUDINAL JOINT ON DIAMOND GRINDING PROJECTS.



WHERE REPAIR EXTENDS THROUGH THE INTEGRAL CURB, IT SHALL BE RECONSTRUCTED TO THE SAME DIMENSIONS OF THE EXISTING CURB

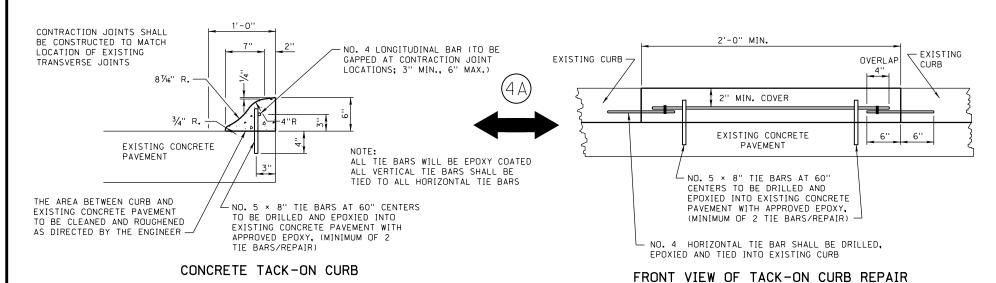
CONCRETE REPAIR SECTIONS

CONCRETE PAVEMENT REPAIR, TYPE "A", TYPE "B" AND TYPE "C", PARTIAL DEPTH

Y P I C A L C R O S S

- 24-NO. 6 GAUGE WIRES

NO OVERLAY CURB REPAIR

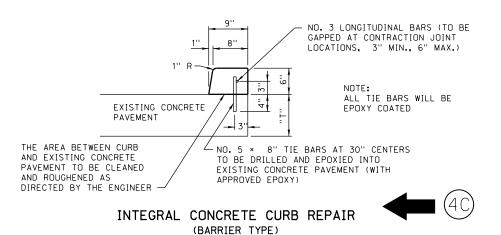


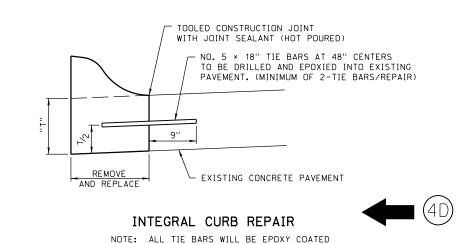
TRANSVERSE JOINT WITH JOINT SEALANT TRANSVERSE JOINT WITH (HOT POURED) JOINT SEALANT (HOT POURED) 2'-0" MIN. EXISTING CURB EXISTING CURB -NO. 5 X 18" TIE BARS TO BE DRILLED AND EPOXIED INTO EXISTING CURB AND GUTTER ON TRANSVERSE VERTICAL SIDES. (MINIMUM OF 2-TIE BARS ON EACH SIDE OF REPAIR)

CONCRETE CURB AND GUTTER REPAIR

√ € LONGITUDINAL JOINT

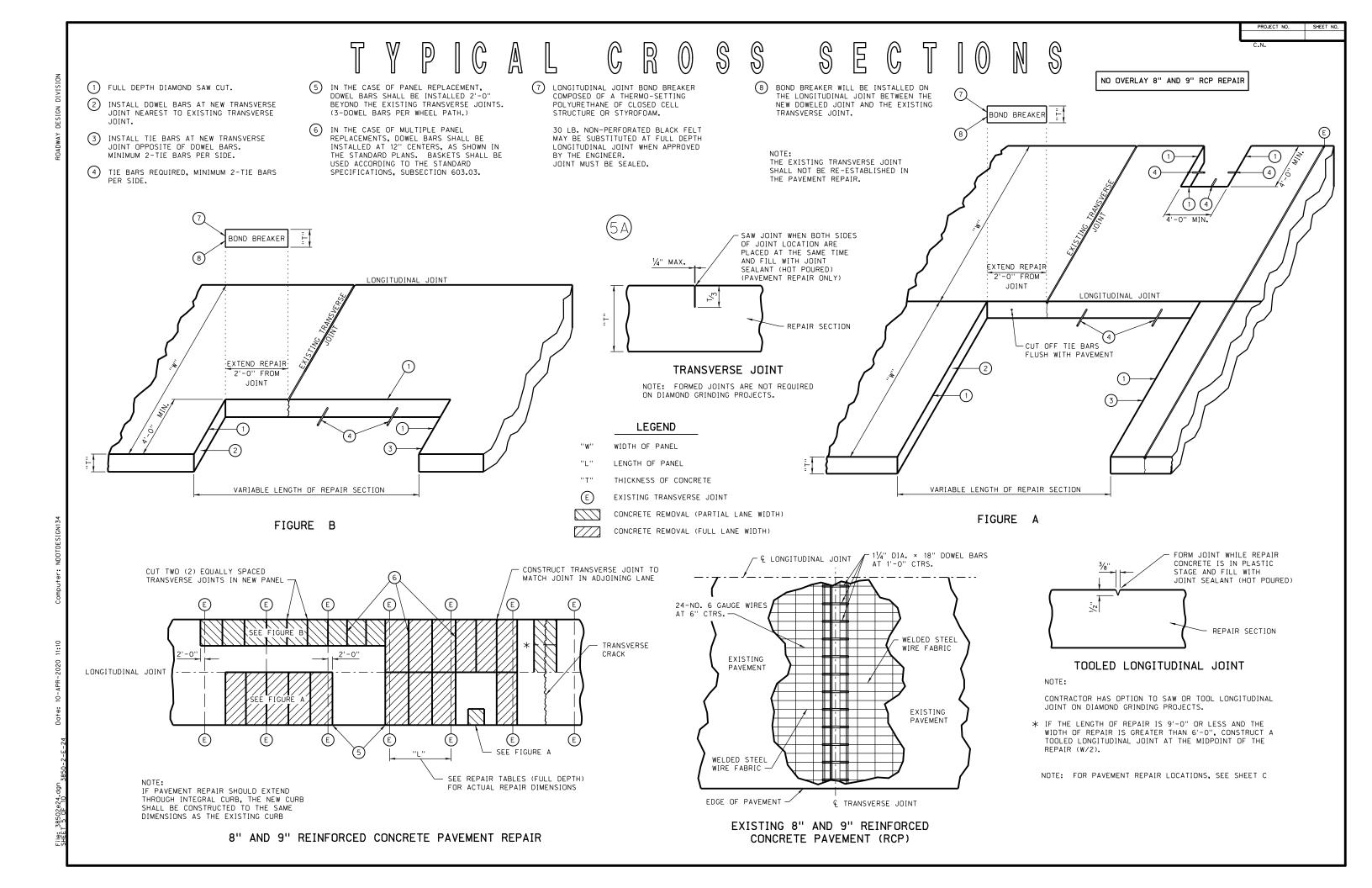
NOTE: ALL TIE BARS WILL BE EPOXY COATED





AT 6" CTRS. - WELDED STEEL WIRE FABRIC EXISTING PAVEMENT EXISTING PAVEMENT WELDED STEEL WIRE FABRIC -EDGE OF PAVEMENT ~

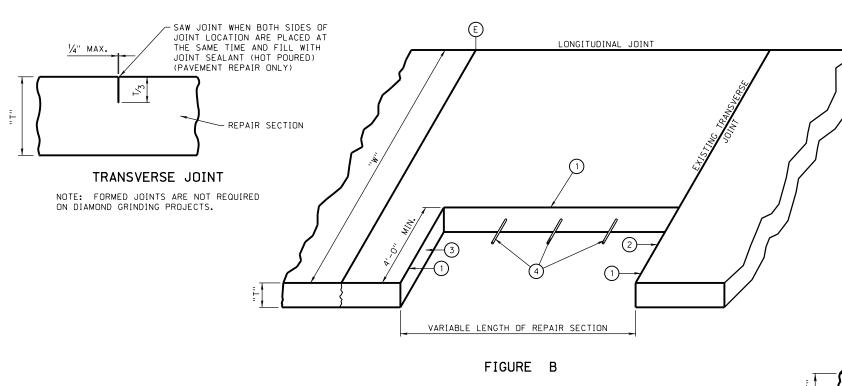
EXISTING 9"-6"-9" AND 9"-7"-9" REINFORCED CONCRETE PAVEMENT



NO OVERLAY PLAIN CONCRETE PAVEMENT REPAIR

- 1) FULL DEPTH DIAMOND SAW CUT (MAY NOT BE REQUIRED AT EXISTING TRANSVERSE JOINT).
- 2 INSTALL DOWEL BARS AT NEW TRANSVERSE JOINT NEAREST TO EXISTING TRANSVERSE JOINT.
- (3) INSTALL TIE BARS AT NEW TRANSVERSE JOINT OPPOSITE OF DOWEL BARS. MINIMUM 2-TIE BARS PER SIDE.
- 4 TIE BARS REQUIRED, MINIMUM 2-TIE BARS PER SIDE.
- 5) IN THE CASE OF PANEL REPLACEMENT, DOWEL BARS SHALL BE INSTALLED AT EXISTING TRANSVERSE JOINTS.
 (3-DOWEL BARS PER WHEEL PATH.)

6 IN THE CASE OF MULTIPLE PANEL REPLACEMENTS, DOWEL BARS SHALL BE INSTALLED AT 12" CENTERS, AS SHOWN IN THE STANDARD PLANS. BASKETS SHALL BE USED ACCORDING TO THE STANDARD SPECIFICATIONS, SUBSECTION 603.03.



THE PAKEMENT REPAIR SHOULD EXTEND
THROUGH INTEGRAL CURB, THE NEW CURB
SHALL BE CONSTRUCTED TO THE SAME
DIMENSIONS AS THE EXISTING CURB

CONSTRUCT TRANSVERSE JOINT TO
MATCH JOINT IN ADJOINING LANE

LONGITUDINAL JOINT

E

E

E

E

E

E

E

E

E

E

E

FIGURE B

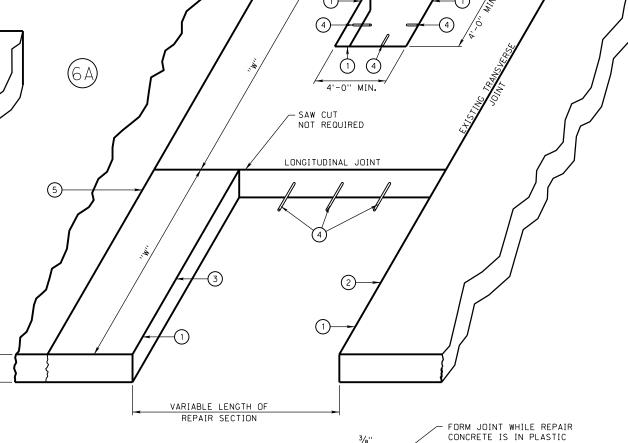
SEE FIGURE A

SEE FIGURE B

SEE FIGURE A

SEE REPAIR TABLES (FULL DEPTH)
FOR ACTUAL REPAIR DIMENSIONS

PLAIN CONCRETE PAVEMENT REPAIR



E

TOOLED LONGITUDINAL JOINT

STAGE AND FILL WITH

JOINT SEALANT (HOT POURED)

REPAIR SECTION

NOTE: CONTRACTOR HAS OPTION TO SAW OR TOOL LONGITUDINAL JOINT ON DIAMOND GRINDING PROJECTS.

★ IF THE LENGTH OF REPAIR IS 9'-0" OR LESS AND THE WIDTH OF REPAIR IS GREATER THAN 6'-0", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).

OR

FIGURE A

IF THE WIDTH OF PANEL ("W") WAS PREVIOUSLY WIDENED, CONSTRUCT A TOOLED LONGITUDINAL JOINT TO MATCH THE LONGITUDINAL JOINTS OF THE ADJOINING PANELS, SEE JOINT DETAIL FOR THIS TOOLED LONGITUDINAL JOINT.

NOTE: FOR PAVEMENT REPAIR LOCATIONS, SEE SHEET C

LEGEND

"W" WIDTH OF PANEL

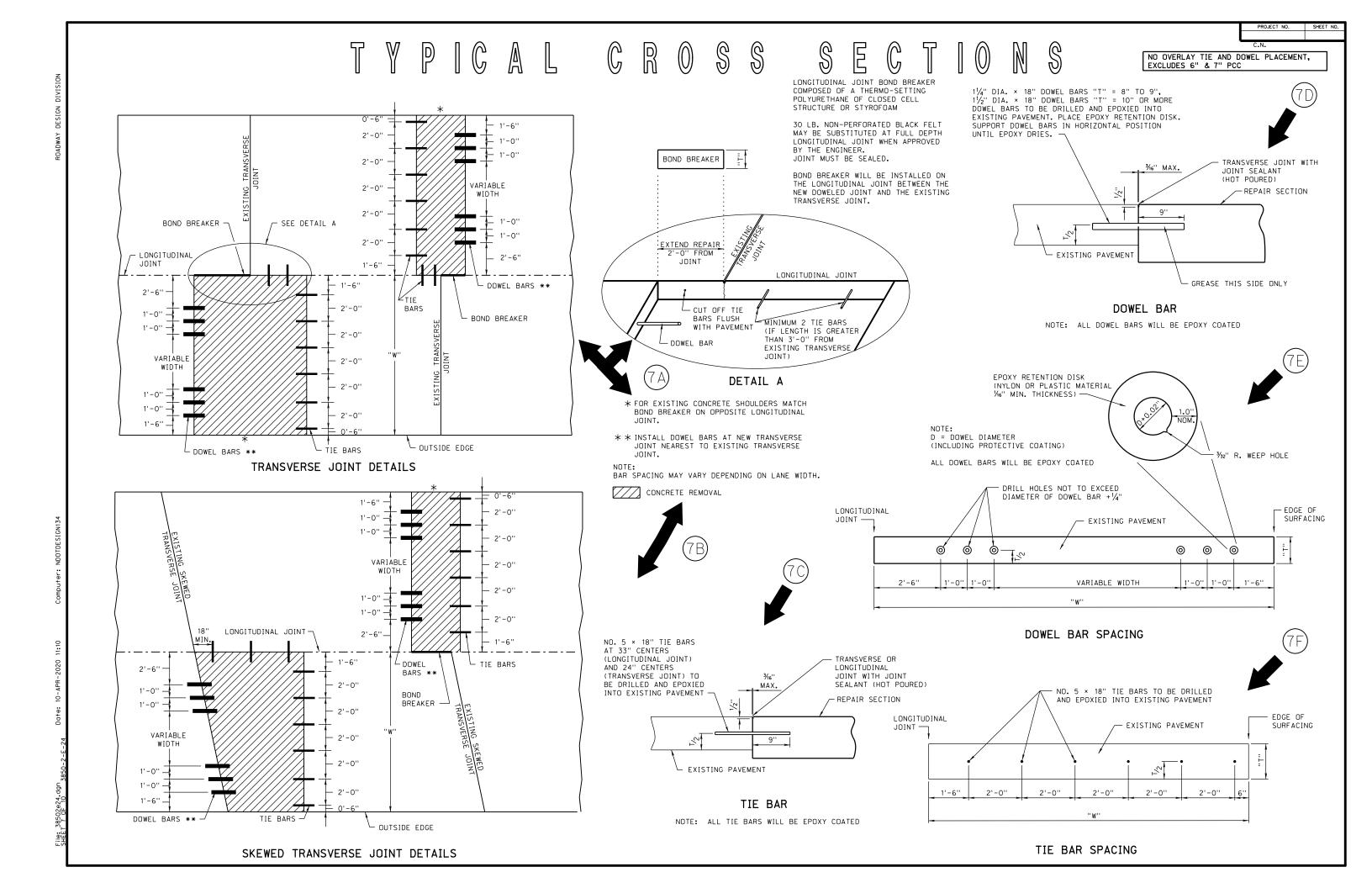
"L" LENGTH OF PANEL

"T" THICKNESS OF CONCRETE

(E) EXISTING TRANSVERSE JOINT

CONCRETE REMOVAL (PARTIAL LANE WIDTH)

CONCRETE REMOVAL (FULL LANE WIDTH)

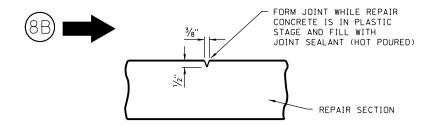


Y P I C A L C R O S S

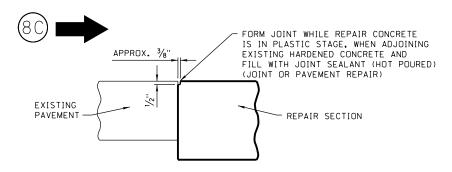
NO OVERLAY 6" & 7" JOINT REPAIR

JOINT SEALANT (HOT POURED) BOND BREAKER MATERIAL SHALL BE THERMO-SETTING POLYURETHANE OF A CLOSED CELL STRUCTURE APPROXIMATELY 1/2" WIDE FOR THE FULL DEPTH OF THE EXISTING CONCRETE REMOVED BOND BREAKER THERMO-SETTING POLYURETHANE TO ACCOMMODATE JOINT SEALANT EXISTING PAVEMENT REPAIR SECTION

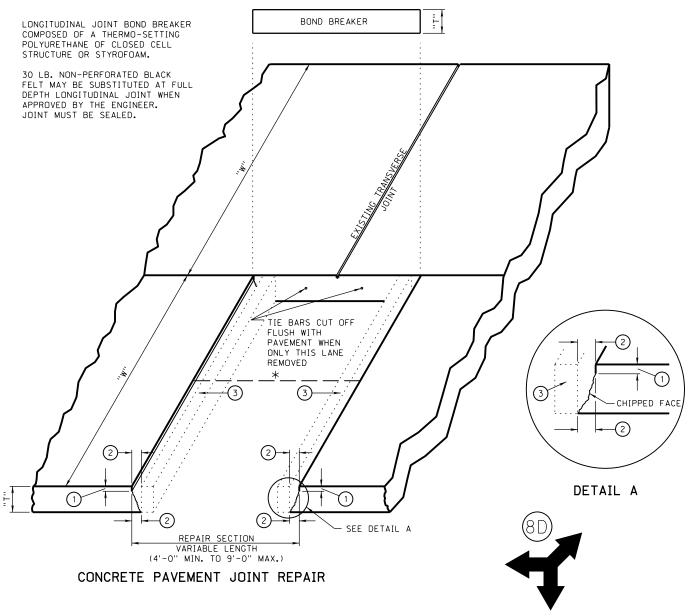
THERMO-SETTING POLYURETHANE BOND BREAKER



TOOLED LONGITUDINAL JOINT



FORMED JOINT



- 1) 1" $\pm \frac{1}{4}$ " DIAMOND SAW CUT
- APPROX. 4" WHEEL CUTTER SAW CUT 2" $\pm \frac{1}{2}$ " INBOARD FROM DIAMOND SAW CUT ON EACH SIDE OF SECTION TO BE REMOVED. A 15# MAXIMUM CHIPPING HAMMER SHALL BE USED TO CONSTRUCT THE CHIPPED FACE.
- 3 4" WHEEL CUTTER SAW CUT

CONTRACTOR MAY USE FULL DEPTH DIAMOND SAW CUT IN PLACE OF 4" WHEEL CUTTER SAW CUT. $(2'' + \frac{1}{2}'')$ INBOARD FROM DIAMOND

THE EXISTING TRANSVERSE JOINT SHALL NOT BE RE-ESTABLISHED IN THE JOINT REPAIR.

NOTES:

- * IF THE LENGTH OF REPAIR IS 9'-O" OR LESS AND WIDTH OF REPAIR IS GREATER THAN 6'-O", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).
 - IF THE PAVEMENT REPAIR SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE EXISTING CURB.

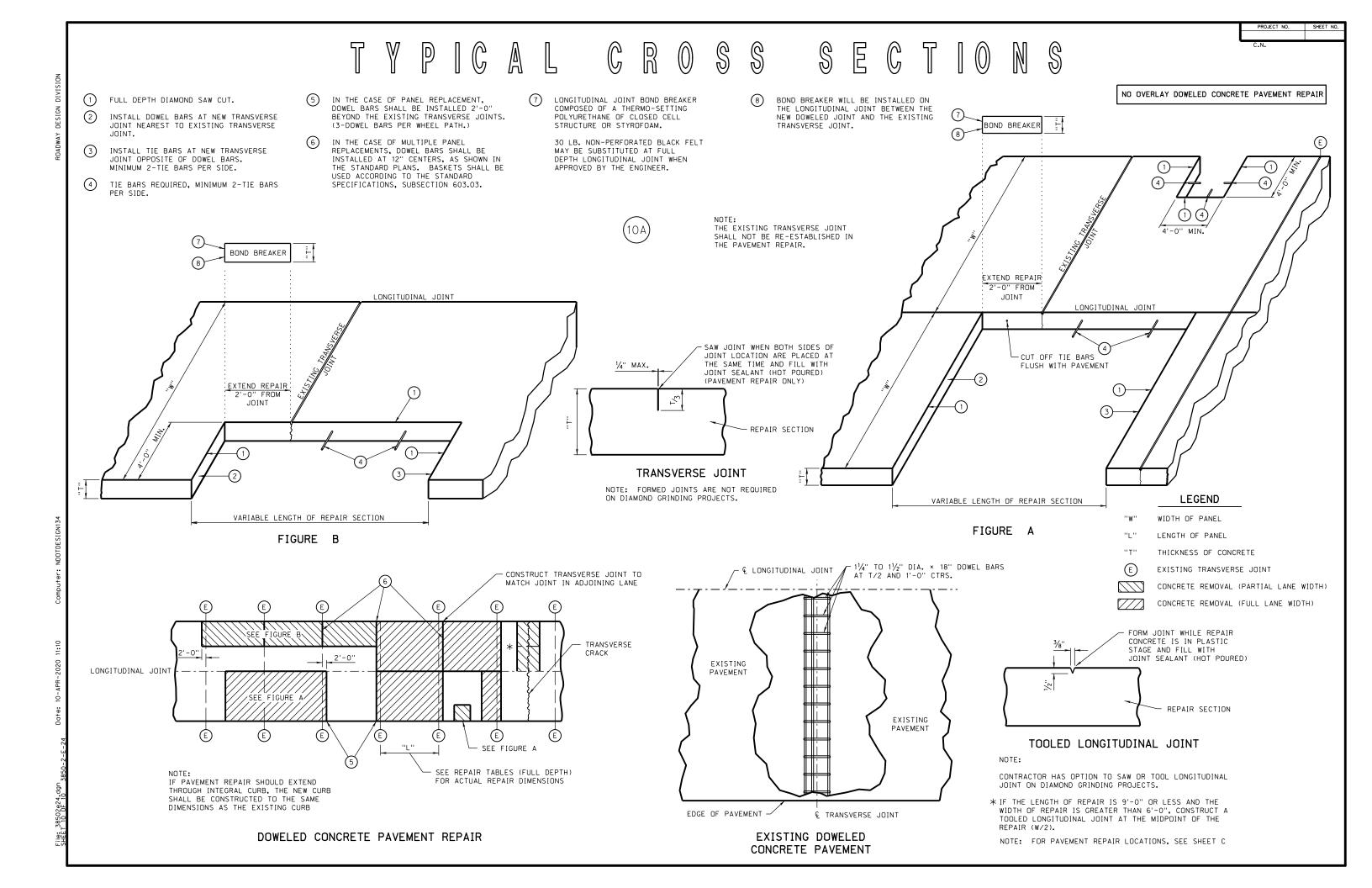
LEGEND

WIDTH OF PANEL

LENGTH OF PANEL

THICKNESS OF CONCRETE

NOTE: FOR JOINT REPAIR LOCATIONS, SEE SHEET C



OVERLAY ONLY JOINT REPAIR

- FULL DEPTH DIAMOND SAW CUT (FULL DEPTH 4" WHEEL CUTTER SAW CUT WILL BE PERMITTED IF REPAIR IS OVERLAID.)
- INSTALL DOWEL BARS AT NEW TRANSVERSE JOINT NEAREST TO EXISTING TRANSVERSE
- INSTALL TIE BARS AT NEW TRANSVERSE JOINT OPPOSITE OF DOWEL BARS.
- TIE BARS REQUIRED.

LONGITUDINAL JOINT BOND BREAKER COMPOSED OF A THERMO-SETTING POLYURETHANE OF CLOSED CELL STRUCTURE OR STYROFOAM.

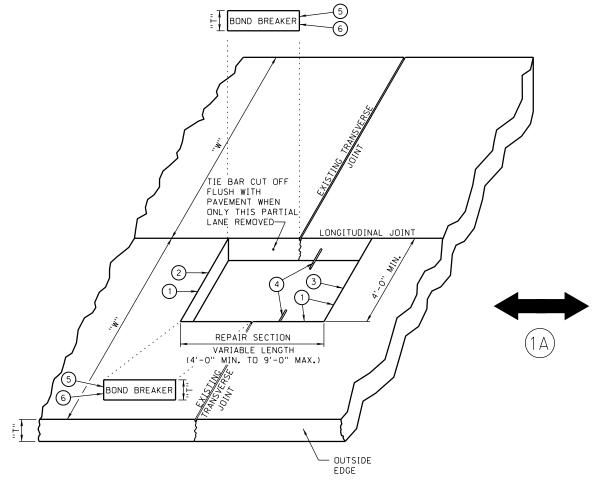
30 LB. NON-PERFORATED BLACK FELT MAY BE SUBSTITUTED AT FULL DEPTH LONGITUDINAL JOINT WHEN APPROVED BY THE ENGINEER.

BOND BREAKER WILL BE INSTALLED ON THE LONGITUDINAL JOINT BETWEEN THE NEW DOWELED TRANSVERSE JOINT AND THE EXISTING TRANSVERSE JOINT.

NOTES:

ALL DOWEL BARS AND TIE BARS WILL BE EPOXY COATED.

THE EXISTING TRANSVERSE JOINT SHALL NOT BE RE-ESTABLISHED IN THE JOINT REPAIR.



NOTES:

* IF THE LENGTH OF REPAIR IS 9'-0" OR LESS AND WIDTH OF REPAIR IS GREATER THAN 6'-0", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).

CONTRACTOR HAS OPTION TO SAW OR TOOL LONGITUDINAL JOINT ON DIAMOND GRINDING PROJECTS.

OR

** IF THE WIDTH OF PANEL ("W") WAS PREVIOUSLY WIDENED, CONSTRUCT A TOOLED LONGITUDINAL JOINT TO MATCH THE LONGITUDINAL JOINTS OF THE ADJOINING PANELS.

> IF THE PAVEMENT REPAIR SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE EXISTING CURB.

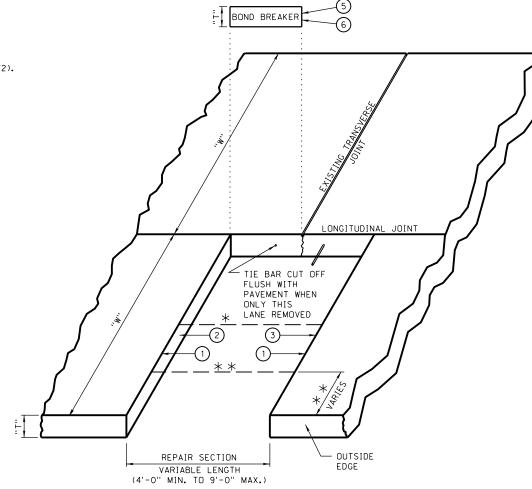
LEGEND

WIDTH OF PANEL

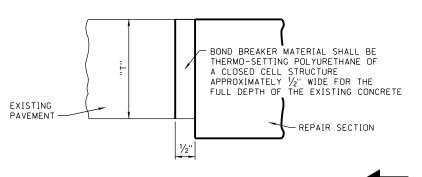
"L" LENGTH OF PANEL

THICKNESS OF CONCRETE

NOTE: FOR JOINT REPAIR LOCATIONS, SEE SHEET C

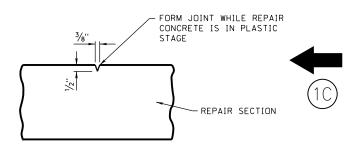


CONCRETE PAVEMENT JOINT REPAIR



CONCRETE PAVEMENT JOINT REPAIR, PARTIAL LANE

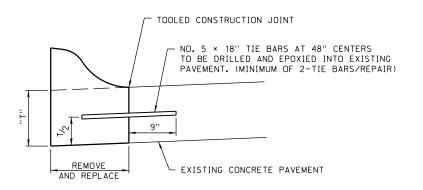
THERMO-SETTING POLYURETHANE BOND BREAKER



TOOLED LONGITUDINAL JOINT

PROJECT NO. SHEET NO.

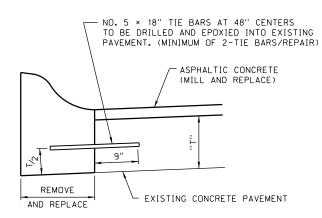
OVERLAY ONLY CURB REPAIR



INTEGRAL CURB REPAIR

NOTE: ALL TIE BARS WILL BE EPOXY COATED

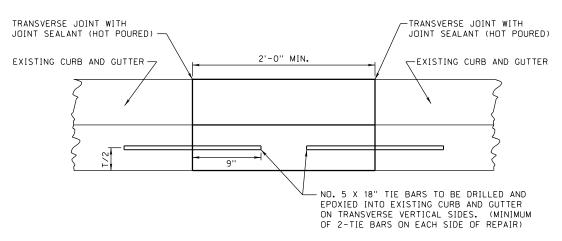




INTEGRAL CURB REPAIR

NOTE: ALL TIE BARS WILL BE EPOXY COATED

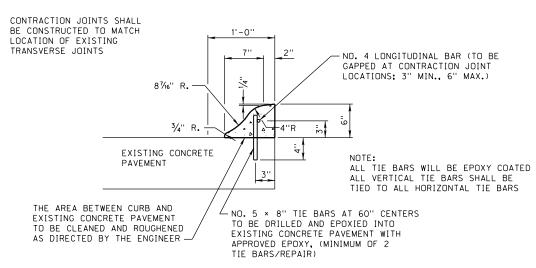




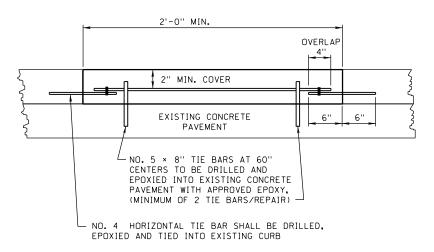
CONCRETE CURB AND GUTTER REPAIR

NOTE: ALL TIE BARS WILL BE EPOXY COATED

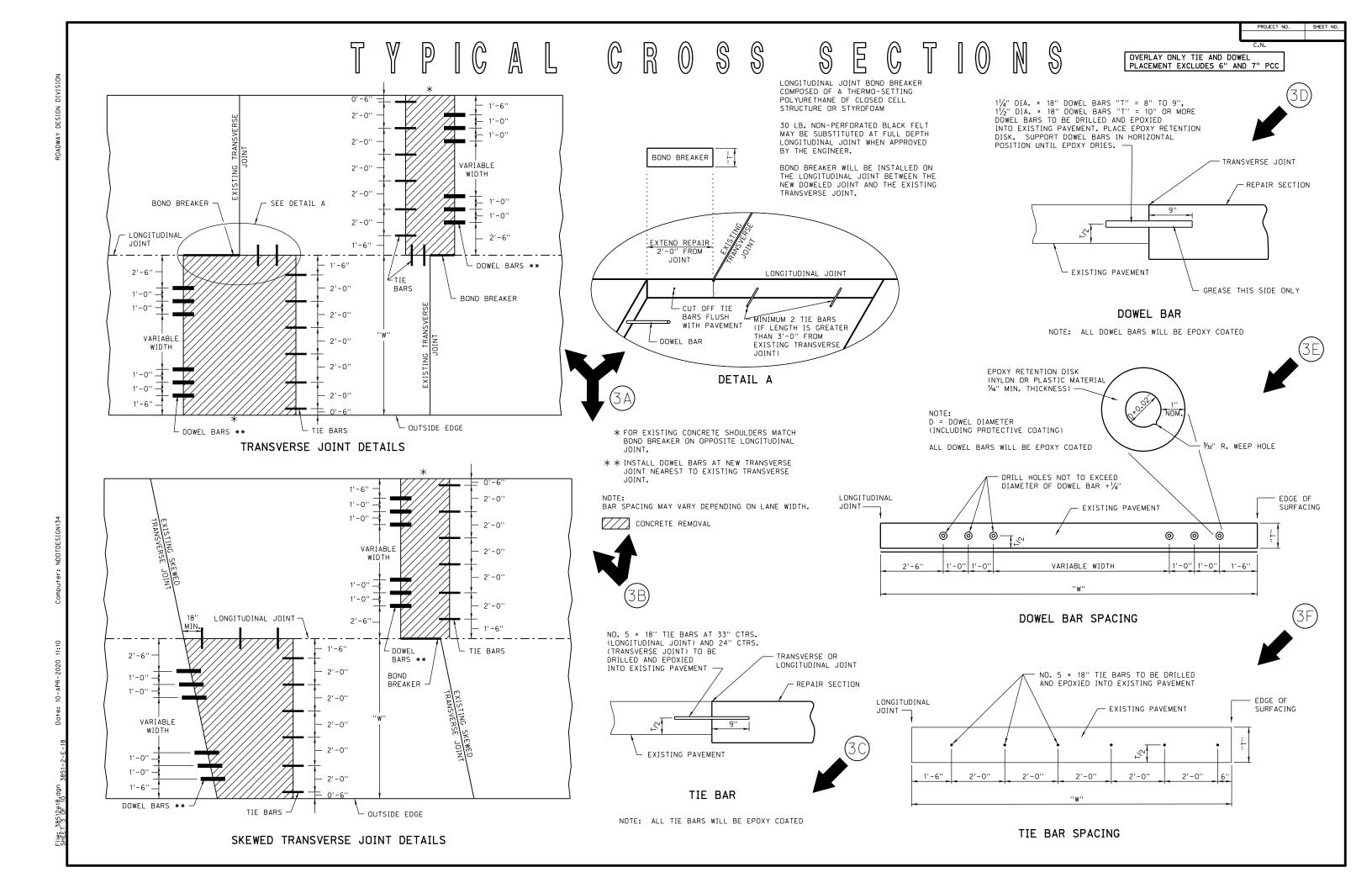








FRONT VIEW OF TACK-ON CURB REPAIR



1/4" MAX.

TRANSVERSE JOINTS

AT THE SAME TIME

REPAIR SECTION

FIGURE B

VARIABLE LENGTH OF REPAIR SECTION

2'-0" FROM

FIGURE A

VARIABLE LENGTH OF REPAIR SECTION

WIDTH OF PANEL

OVERLAY ONLY 8" AND 9" RCP REPAIR

E

LENGTH OF PANEL

THICKNESS OF CONCRETE

LEGEND

EXISTING TRANSVERSE JOINT CONCRETE REMOVAL (PARTIAL LANE WIDTH)

CONCRETE REMOVAL (FULL LANE WIDTH)

FORM JOINT WHILE REPAIR CONCRETE IS IN PLASTIC - REPAIR SECTION

LONGITUDINAL JOINT

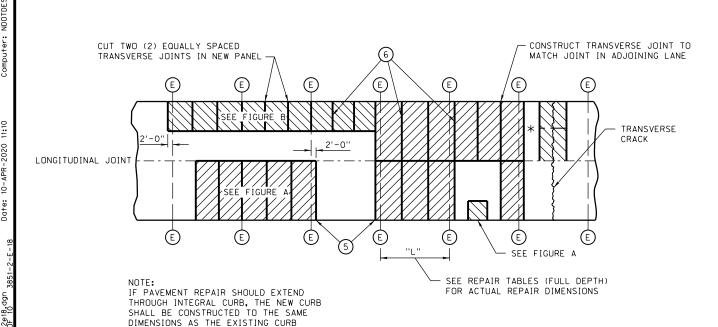
CUT OFF TIE BARS

FLUSH WITH PAVEMENT

TOOLED LONGITUDINAL JOINT

* IF THE LENGTH OF REPAIR IS 9'-0" OR LESS AND WIDTH OF REPAIR IS GREATER THAN 6'-0", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).

NOTE: FOR PAVEMENT REPAIR LOCATIONS, SEE SHEET C



~ 1¼" DIA. × 18" DOWEL BARS - & LONGITUDINAL JOINT AT 1'-0" CTRS. 24-NO. 6 GAUGE WIRES AT 6" CTRS. - WELDED STEEL WIRE FABRIC EXISTING PAVEMENT PAVEMENT WELDED STEEL WIRE FABRIC EDGE OF PAVEMENT € TRANSVERSE JOINT

> EXISTING 8" AND 9" REINFORCED CONCRETE PAVEMENT (RCP)

8" AND 9" REINFORCED CONCRETE PAVEMENT REPAIR

INSTALL DOWEL BARS AT NEW TRANSVERSE JOINT NEAREST TO EXISTING TRANSVERSE

INSTALL TIE BARS AT NEW TRANSVERSE JOINT OPPOSITE OF DOWEL BARS. MINIMUM 2-TIE BARS PER SIDE.

4 TIE BARS REQUIRED, MINIMUM 2-TIE BARS

IN THE CASE OF PANEL REPLACEMENT, DOWEL BARS SHALL BE INSTALLED AT EXISTING TRANSVERSE JOINTS. (MINIMUM 3-DOWEL BARS PER WHEEL PATH.)

IN THE CASE OF MULTIPLE PANEL REPLACEMENTS, DOWEL BARS SHALL BE INSTALLED AT 12" CENTERS, AS SHOWN IN THE STANDARD PLANS. BASKETS SHALL BE USED ACCORDING TO THE STANDARD SPECIFICATIONS, SUBSECTION 603.03.

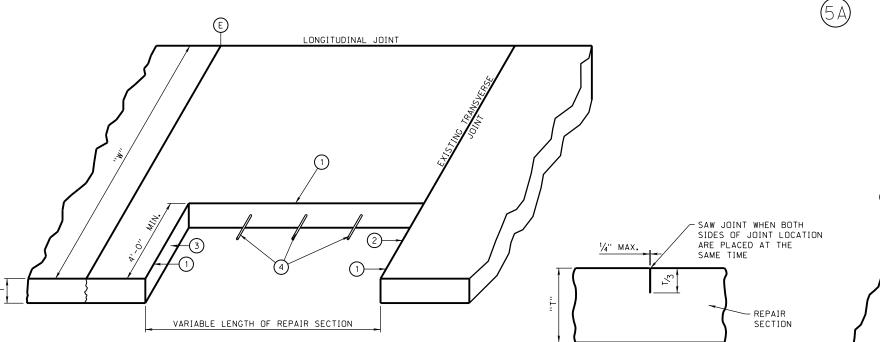
€

1 4'-0" MIN.

NOT REQUIRED

5

OVERLAY ONLY PLAIN CONCRETE PAVEMENT REPAIR

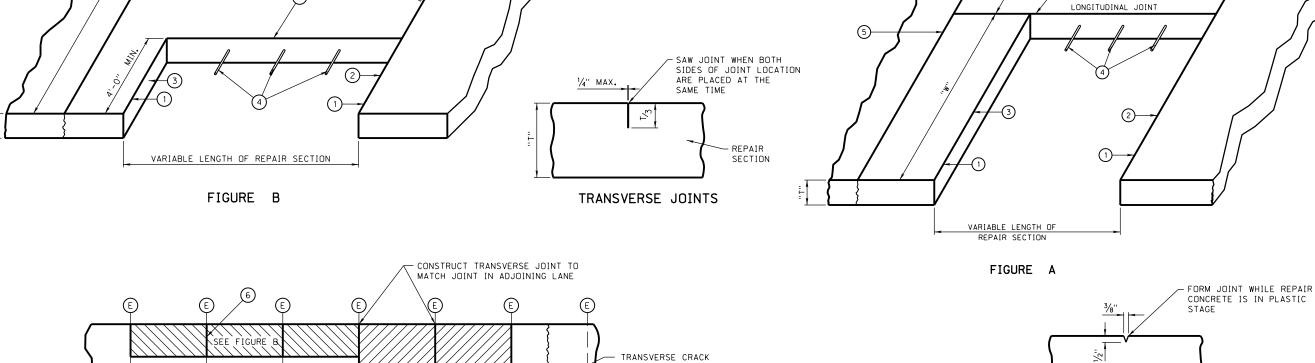


6

PLAIN CONCRETE PAVEMENT REPAIR

SEE REPAIR TABLES (FULL DEPTH)

FOR ACTUAL REPAIR DIMENSIONS



LEGEND

WIDTH OF PANEL

LENGTH OF PANEL

THICKNESS OF CONCRETE

E EXISTING TRANSVERSE JOINT

CONCRETE REMOVAL (PARTIAL LANE WIDTH)

CONCRETE REMOVAL (FULL LANE WIDTH)

TOOLED LONGITUDINAL JOINT

- REPAIR SECTION

* IF THE LENGTH OF REPAIR IS 9'-O" OR LESS AND WIDTH OF REPAIR IS GREATER THAN 6'-O", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).

OR

IF THE WIDTH OF PANEL ("W") WAS PREVIOUSLY WIDENED. CONSTRUCT A TOOLED LONGITUDINAL JOINT TO MATCH THE LONGITUDINAL JOINTS OF THE ADJOINING PANELS. SEE JOINT DETAIL FOR THIS TOOLED LONGITUDINAL JOINT.

NOTE: FOR PAVEMENT REPAIR LOCATIONS, SEE SHEET C

LONGITUDINAL JOINT

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IF PAVEMENT REPAIR SHOULD EXTEND
THROUGH INTEGRAL CURB, THE NEW CURB
SHALL BE CONSTRUCTED TO THE SAME

DIMENSIONS AS THE EXISTING CURB

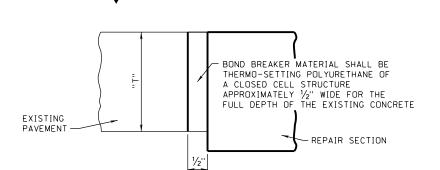
,SÉE FIGURE

- SEE FIGURE A

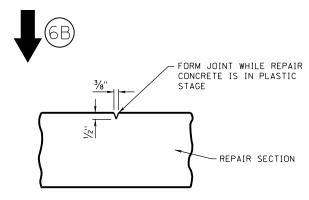


PROJECT NO. SHEET NO.

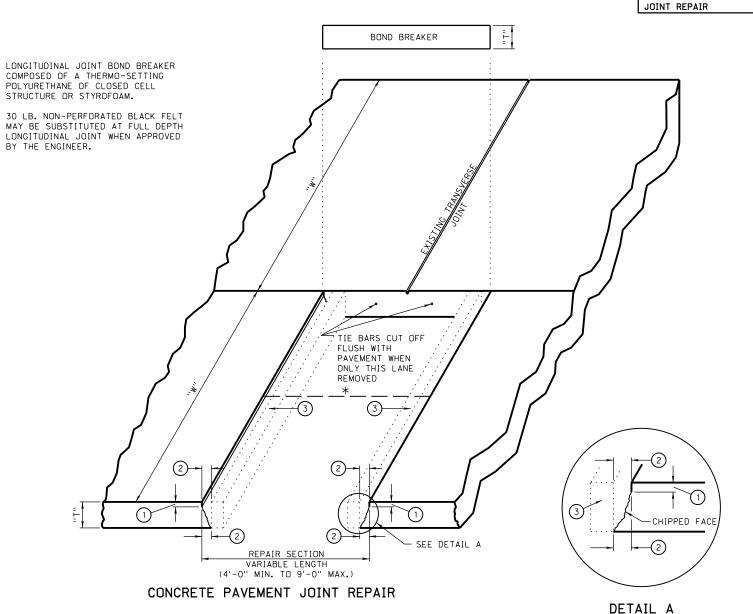
OVERLAY ONLY 6" AND 7"



THERMO-SETTING POLYURETHANE BOND BREAKER



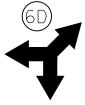
TOOLED LONGITUDINAL JOINT



- 1) 1" $\pm \frac{1}{4}$ " DIAMOND SAW CUT
- 2) APPROX. 4" WHEEL CUTTER SAW CUT 2" ±½" INBOARD FROM DIAMOND SAW CUT ON EACH SIDE OF SECTION TO BE REMOVED. A 15# MAXIMUM CHIPPING HAMMER SHALL BE USED TO CONSTRUCT THE CHIPPED FACE.
- 3 4" WHEEL CUTTER SAW CUT

NOTE:
CONTRACTOR MAY USE FULL DEPTH
DIAMOND SAW CUT IN PLACE OF 4"
WHEEL CUTTER SAW CUT.
(2" ±½" INBOARD FROM DIAMOND
SAW CUT)

THE EXISTING TRANSVERSE JOINT SHALL NOT BE RE-ESTABLISHED IN THE JOINT REPAIR.



NOTES:

* IF THE LENGTH OF REPAIR IS 9'-O" OR LESS AND WIDTH OF REPAIR IS GREATER THAN 6'-O", CONSTRUCT A TOOLED LONGITUDINAL JOINT AT THE MIDPOINT OF THE REPAIR (W/2).

IF THE PAVEMENT REPAIR SHOULD EXTEND THROUGH INTEGRAL CURB, THE NEW CURB SHALL BE CONSTRUCTED TO THE SAME DIMENSIONS AS THE EXISTING CURB.

LEGEND

"W" WIDTH OF PANEL

" LENGTH OF PANEL

"T" THICKNESS OF CONCRETE

NOTE: FOR JOINT REPAIR LOCATIONS, SEE SHEET C

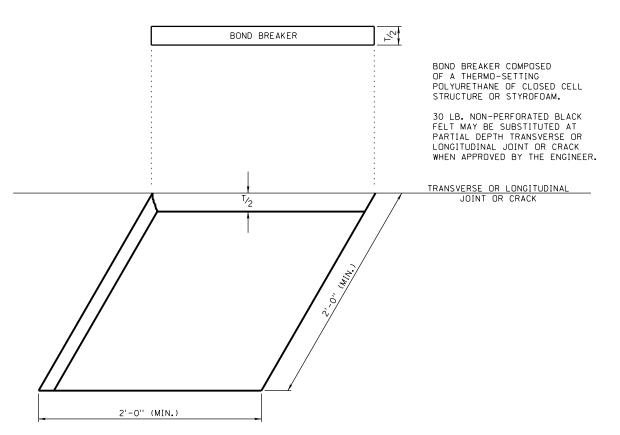
DIMENSIONS AS THE EXISTING CURB

PLAIN CONCRETE PAVEMENT REPAIR

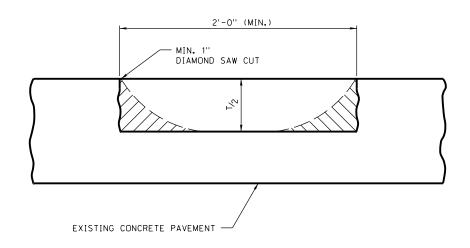
NOTE: FOR PAVEMENT REPAIR LOCATIONS, SEE SHEET C

YPICAL CROSS SE

OVERLAY ONLY PARTIAL DEPTH REPAIR

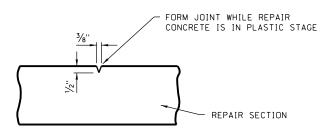


TRANSVERSE OR LONGITUDINAL JOINT OR CRACK



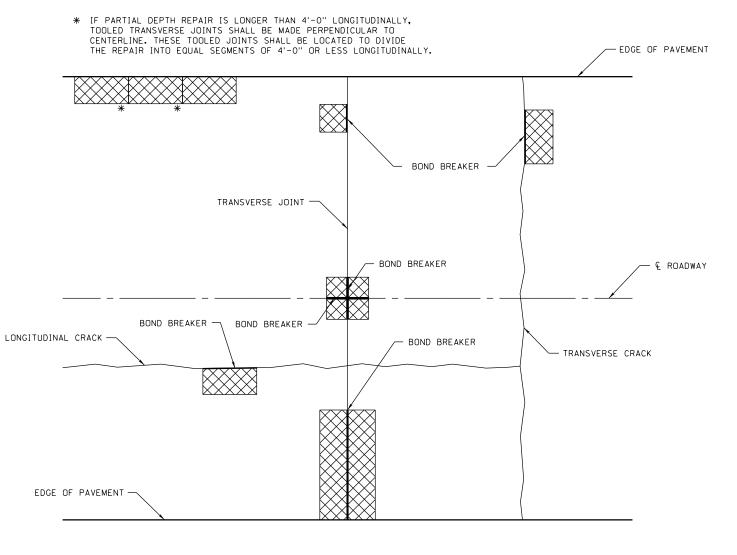
INDICATES MATERIAL LEFT AT MARGINS OF MILLED CUTS TO BE REMOVED WITH A 15# MAXIMUM CHIPPING HAMMER TO PROVIDE VERTICAL EDGES ALL AROUND

TYPICAL SECTION OF PARTIAL DEPTH REPAIRS



TOOLED LONGITUDINAL JOINT

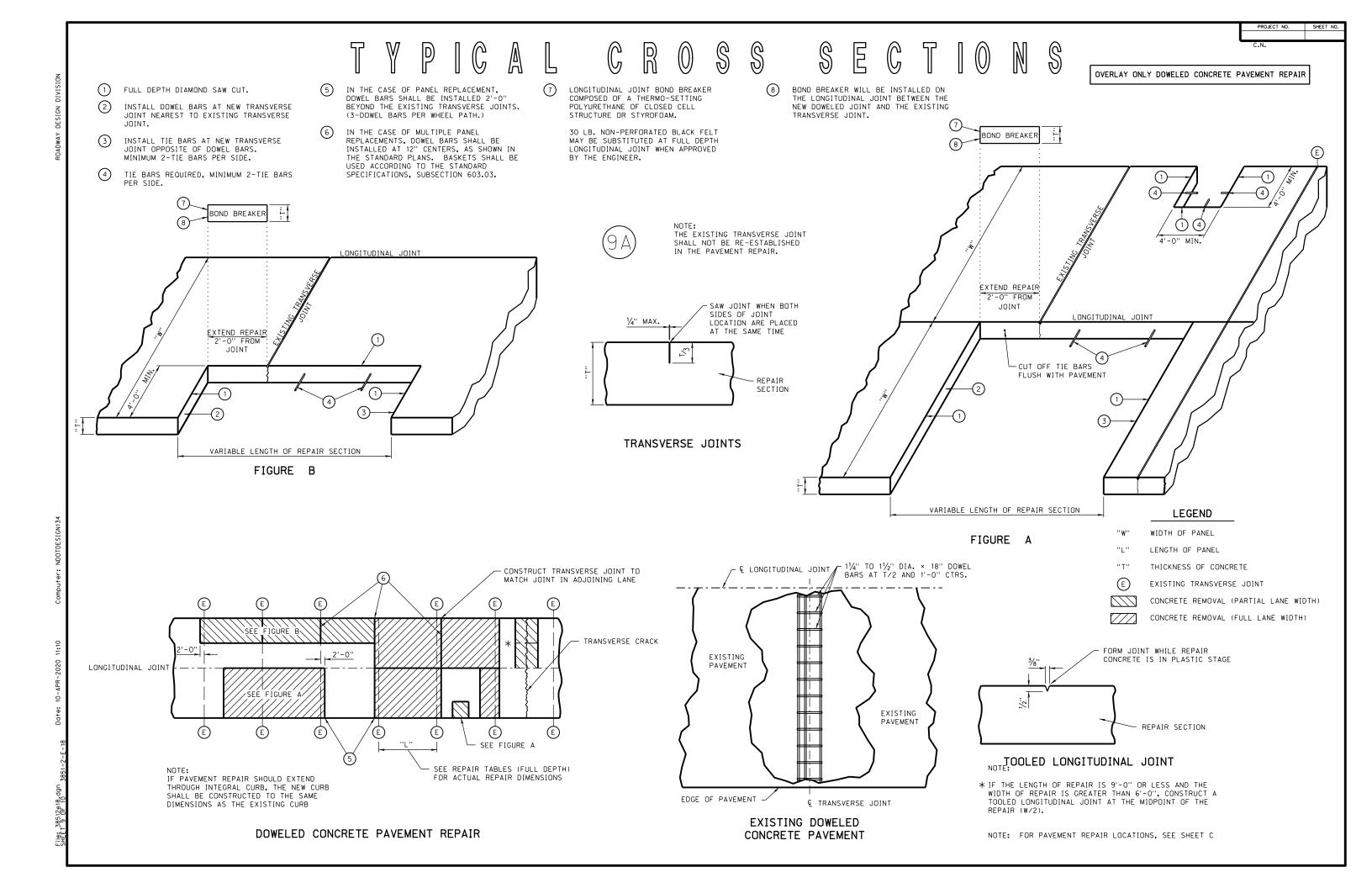
CONTRACTOR HAS OPTION TO SAW OR TOOL LONGITUDINAL JOINT ON DIAMOND GRINDING PROJECTS.



WHERE REPAIR EXTENDS THROUGH THE INTEGRAL CURB, IT SHALL BE RECONSTRUCTED TO THE SAME DIMENSIONS OF THE EXISTING CURB

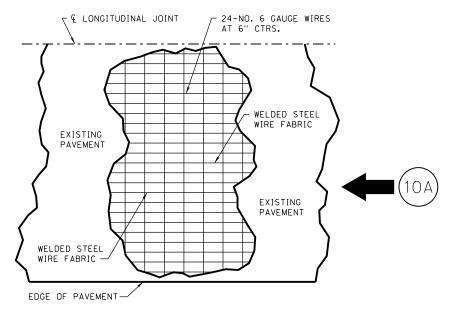
CONCRETE REPAIR SECTIONS

CONCRETE PAVEMENT REPAIR, TYPE "A", TYPE "B" AND TYPE "C", PARTIAL DEPTH

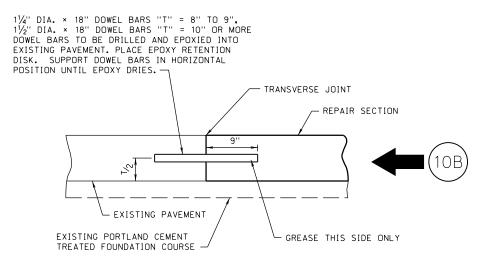


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YPICAL CROSS SECTIONS

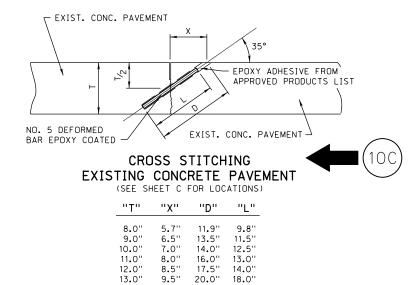


EXISTING 9"-6"-9" AND 9"-7"-9"
REINFORCED PAVEMENT



DOWEL BAR

NOTE: ALL DOWEL BARS WILL BE EPOXY COATED

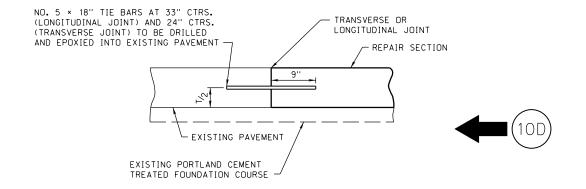


NOTE: DEFORMED BAR SHALL BE 1" BELOW THE SURFACE

10.0"

14.0"

21.0" 18.0"



TIE BAR

NOTE: ALL TIE BARS WILL BE EPOXY COATED