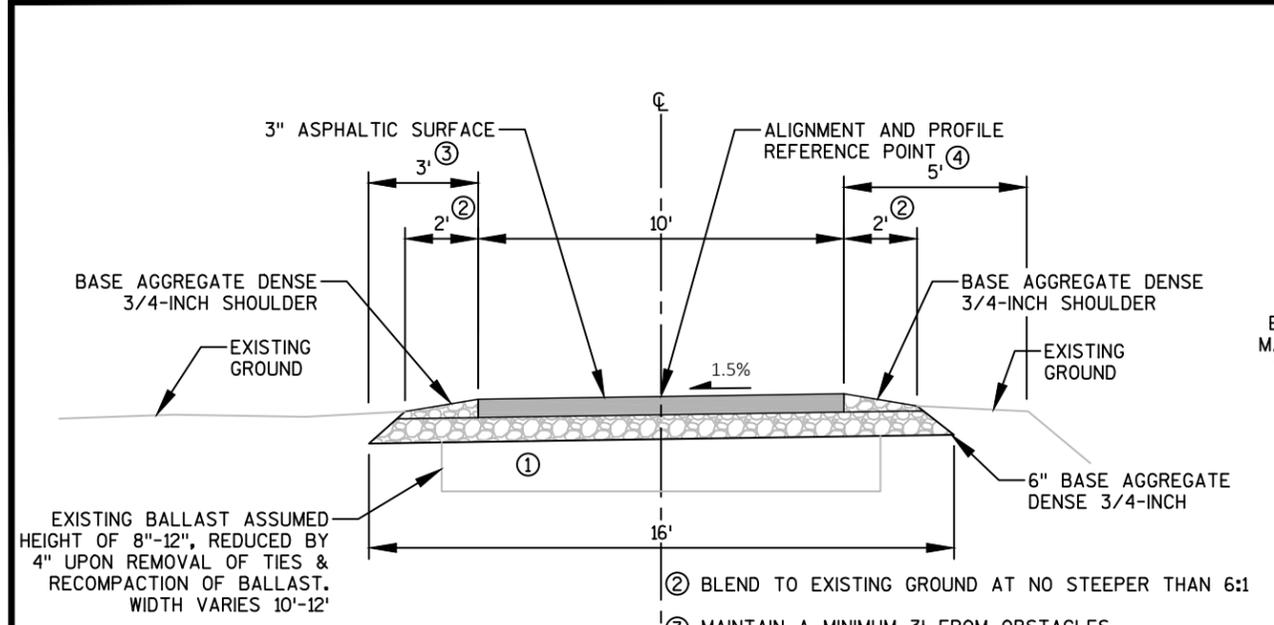


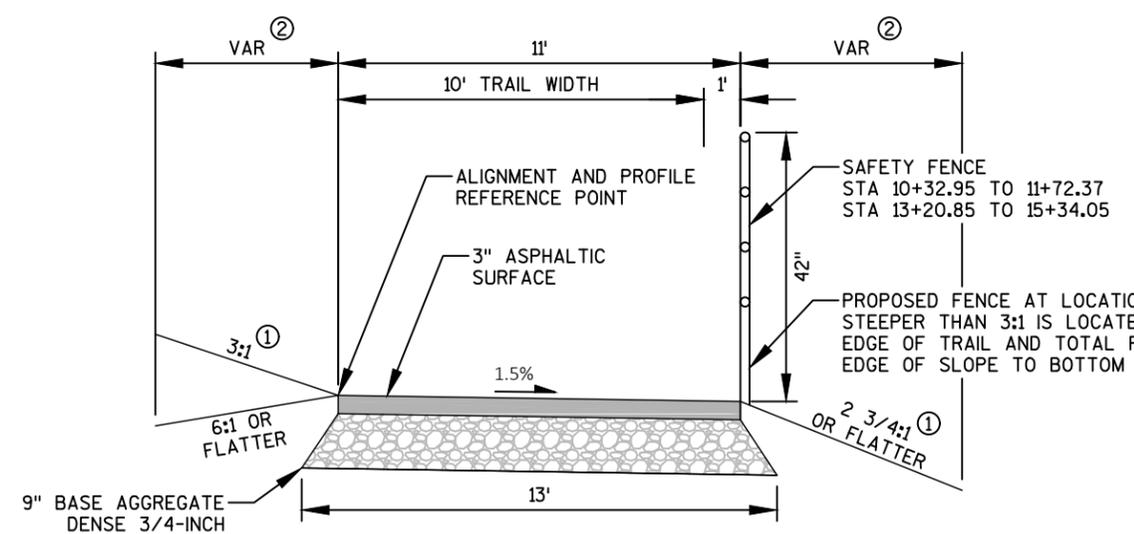


Date	Revision



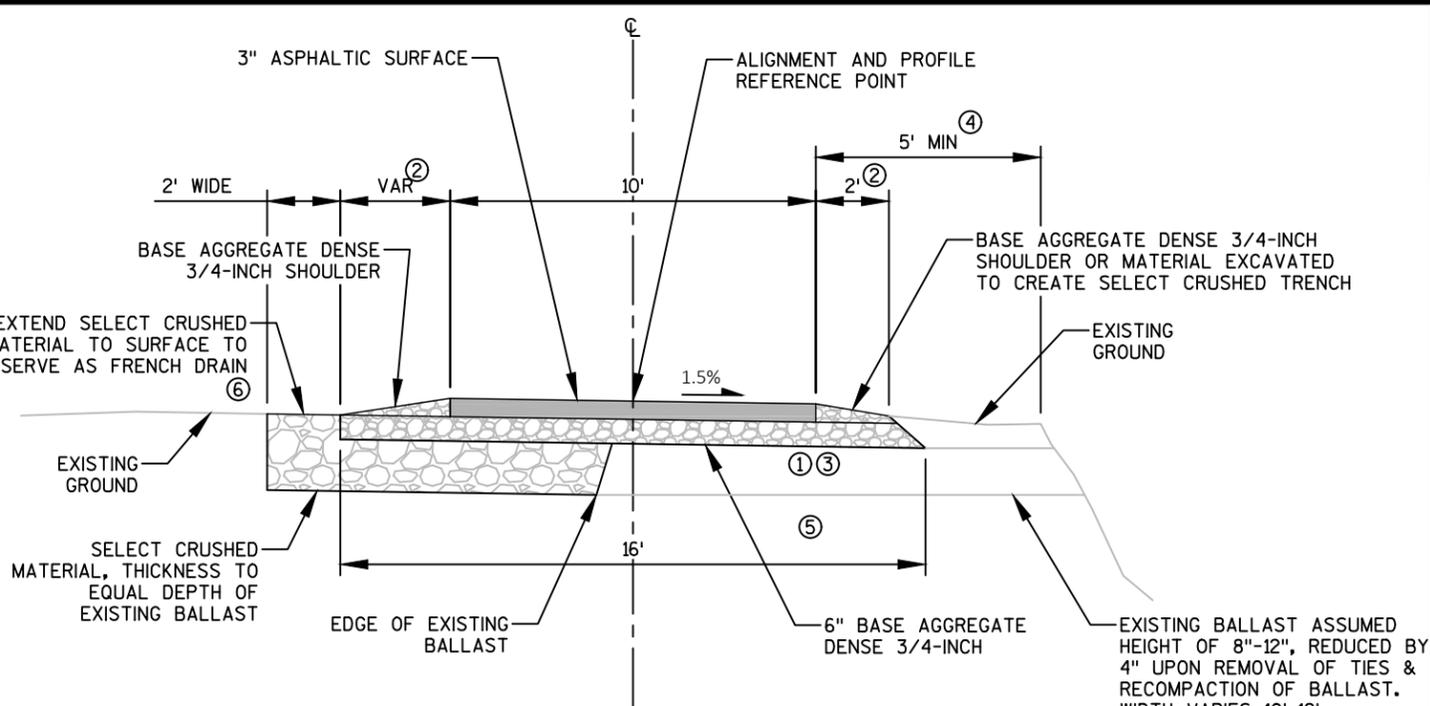
- ① REMOVE EXISTING RAILS, SPIKES, TIE PLATES, AND TIES, (BY PREVIOUS PROJECT) COMPACT EXISTING BALLAST.
- AFTER REMOVAL OF TIES, ADDITIONAL CORE OUT OF BALLAST MATERIAL MAY BE REQUIRED FROM STA 308+50 TO STA 326+00 AND STA 345+75 TO STA 351+00 TO CREATE 5' CLEAR AREA FROM EDGE OF TRAIL WITH SLOPES FLATTER THAN 3:1
- ② BLEND TO EXISTING GROUND AT NO STEEPER THAN 6:1
- ③ MAINTAIN A MINIMUM 3' FROM OBSTACLES
- ④ A MINIMUM OF 5' WIDTH IS REQUIRED BETWEEN TRAIL EDGE AND TO LOCATION WHERE SLOPE IS STEEPER THAN 3:1. FENCE REQUIRED AT 2' OFF EDGE OF PAVEMENT WHERE SLOPES WITHIN 5' OF TRAIL ARE STEEPER THAN 3:1. USE CORE OUT MATERIAL TO BUILD SLOPE BEHIND FENCE AS FLAT AS POSSIBLE. EXACT LOCATIONS TO BE FIELD VERIFIED. ANTICIPATED THAT FENCE WILL BE REQUIRED STA 320+80 TO STA 326+00

**TYPICAL FINISHED SECTION**  
 TRAIL WITH GRANULAR SHOULDERS  
 STA 308+00 TO STA 326+00  
 STA 343+00 TO STA 357+75



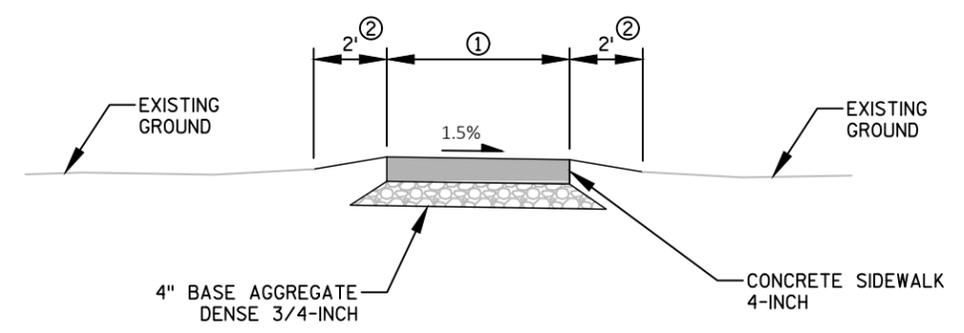
- ① SLOPE VARIES, SEE CROSS SECTIONS 3:1 TYP, 2.75:1 OR FLATTER
- ② TOPSOIL, HYDROSEEDING (USE SEEDING MIXTURE NO. 20, FERTILIZER TYPE-B, AND SEEDING TEMPORARY) AND EROSION MAT 1, TYPE B, URBAN CLASS

**TYPICAL FINISHED SECTION**  
 WATER STREET SIDEWALK ACCESS  
 TO GREAT SAUK STATE TRAIL  
 AT NORTH EAGLE GATE LOCATION  
 STA 10+24.53 TO STA 16+02.82



- ① REMOVE EXISTING RAILS, SPIKES, TIE PLATES, AND TIES, (BY PREVIOUS PROJECT) COMPACT EXISTING BALLAST
- ② 2' TYP 3' AT LOCATIONS OF FRENCH DRAIN, SEE ⑥ BLEND TO EXISTING GROUND AT NO STEEPER THAN 6:1
- ③ DURING CONSTRUCTION, CONFIRM CLEAN AGGREGATE EXTENDS TO THE EDGE OF THE EMBANKMENT TO ALLOW WATER TO INFILTRATE AND PERCOLATE OR FLOW THROUGH FOR DRAINAGE
- ④ A MINIMUM OF 5' WIDTH IS REQUIRED BETWEEN TRAIL EDGE AND TO LOCATION WHERE SLOPE IS STEEPER THAN 3:1
- ⑤ PRIVATE UTILITIES, FIBER OPTIC, TELEPHONE, ELECTRIC & GAS ARE PRESENT THROUGHOUT CORRIDOR
- ⑥ FRENCH DRAIN ONLY INTENDED FOR USE FROM STA 335+00 LT TO STA 343+00 LT. IN OTHER AREAS CONSTRUCT STANDARD 2' WIDE GRANULAR SHOULDERS

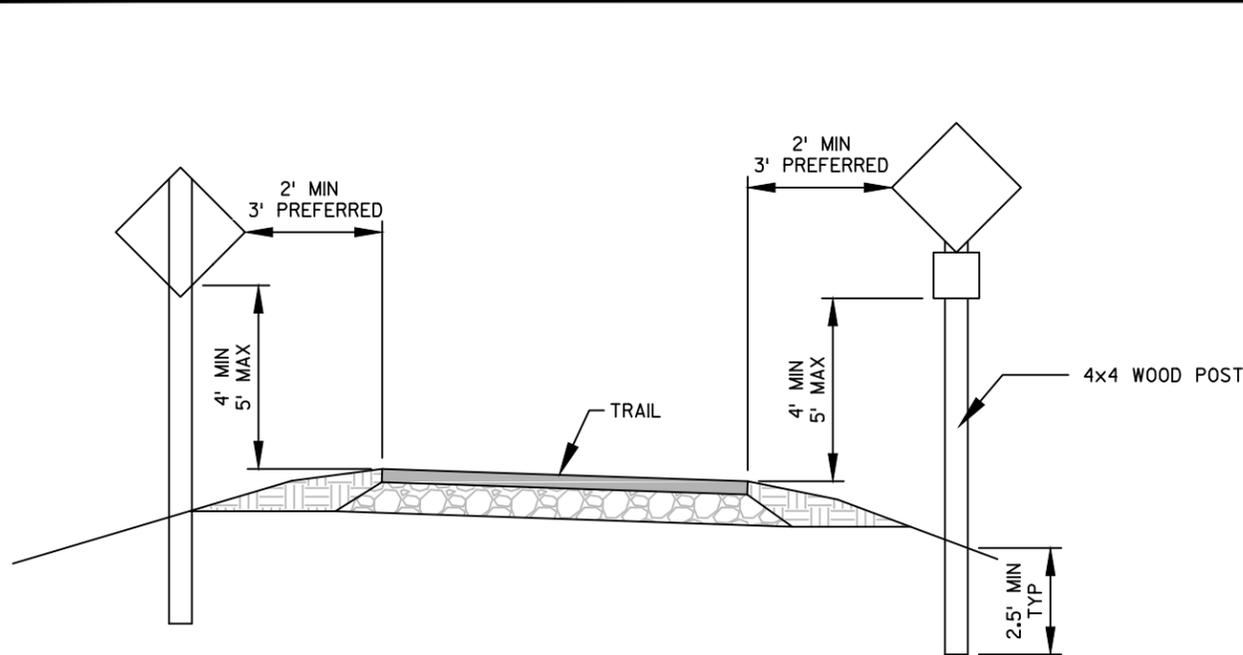
**TYPICAL FINISHED SECTION**  
 HORIZONTAL ALIGNMENT SHIFTED FROM EXISTING RAILROAD TRACK CENTERLINE, TRAIL WITH GRANULAR SHOULDERS  
 STA 326+00 TO STA 343+00



- ① WIDTH VARIES. SEE SHEETS C4.4 - C4.20 FOR MORE INFORMATION.
- ② TOPSOIL, SEED, FERTILIZE & MULCH DISTURBED AREA, BLEND INTO ADJACENT GROUND

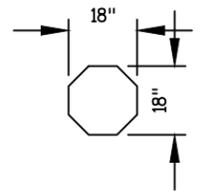
**TYPICAL FINISHED SECTION**  
 SIDEWALK REPLACEMENT AT CROSSING LOCATIONS

STA 9+76 (WATER STREET ACCESS SPUR)	STA 138+90 RT	STA 157+45
STA 119+60	STA 139+50 LT	STA 158+08
STA 123+30	STA 139+75 RT	STA 201+75
STA 124+16	STA 144+55	STA 206+15 LT
STA 133+75	STA 150+55	STA 211+39 LT
	STA 154+75	STA 304+46 LT

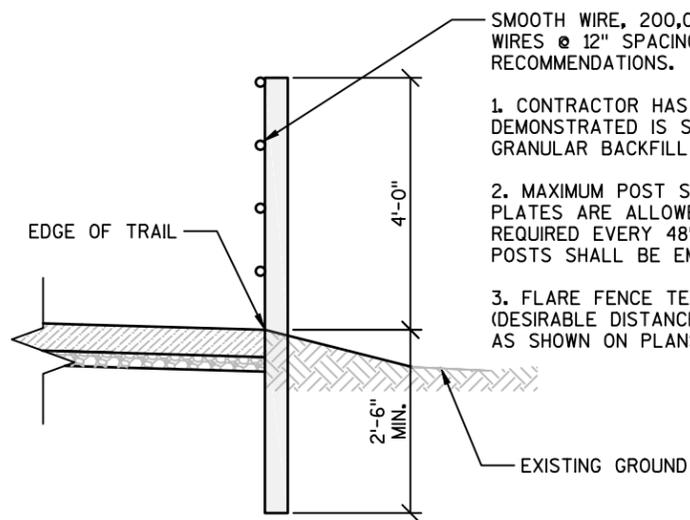
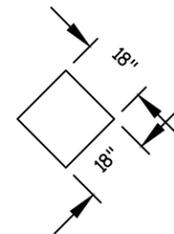


TRAIL SIGN LAYOUT

PROPOSED TRAIL STOP SIGN  
(MUTCD R1-1)  
TO BE 18"x18"

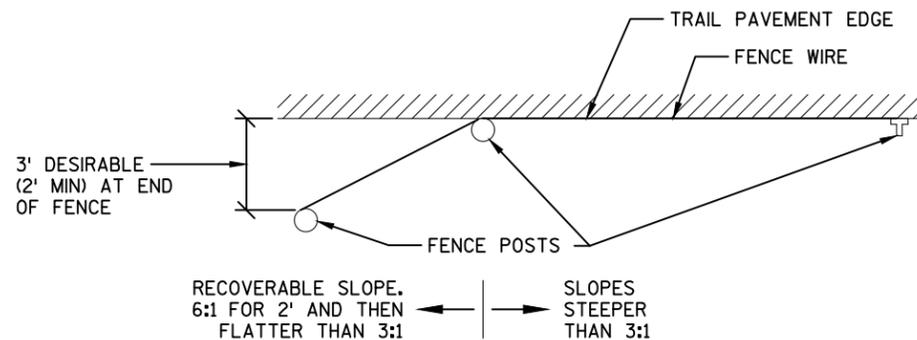


PROPOSED TRAIL WARNING SIGNS  
(MUTCD W1-1)  
(MUTCD W7-5)  
TO BE 18"x18"

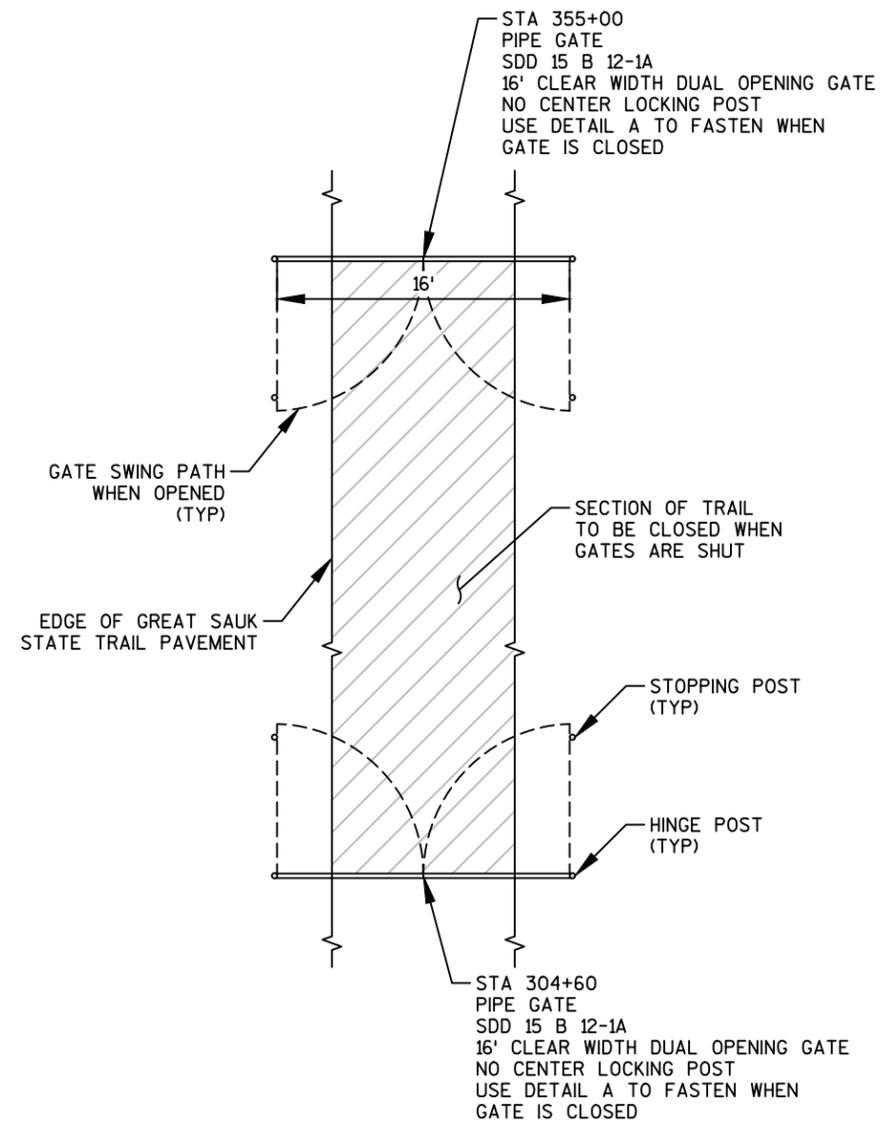


FENCE INSTALLATION DETAIL

1. CONTRACTOR HAS OPTION TO DRIVE POSTS IF METHOD DEMONSTRATED IS SATISFACTORY TO THE ENGINEER, OTHERWISE GRANULAR BACKFILL MATERIAL IS REQUIRED AROUND POSTS.
2. MAXIMUM POST SPACING OF 16', METAL POSTS WITH ANCHOR PLATES ARE ALLOWED, EXCEPT 6" DIAMETER WOOD POSTS ARE REQUIRED EVERY 48' AND AS CORNER AND BRACE POSTS. POSTS SHALL BE EMBEDDED A MINIMUM OF 2.5'.
3. FLARE FENCE TERMINATIONS TO A MINIMUM OF 2' (DESIRABLE DISTANCE OF 3') FROM TRAIL EDGE AT LOCATION AS SHOWN ON PLANS



FENCE INSTALLATION DETAIL - END FLARE  
TYPICAL SECTION



EAGLE GATE DETAILS

**JEWELL**  
associates engineers, Inc.  
Engineers - Surveyors - Architects

560 Sunrise Drive  
Spring Green, WI 53588  
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**Great Sauk State Trail  
Prairie Du Sac/Sauk City Unit  
Sauk County, Wisconsin**

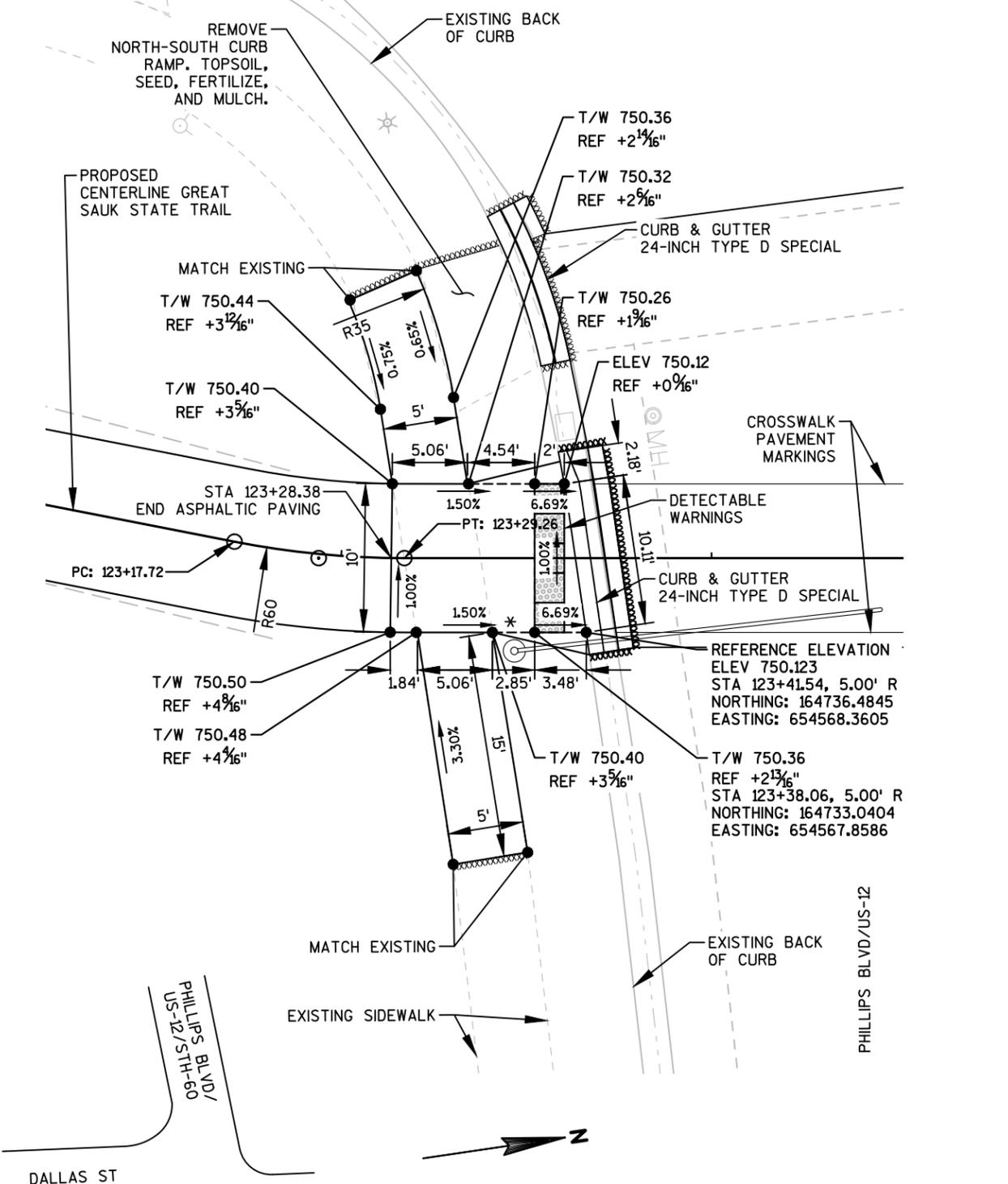
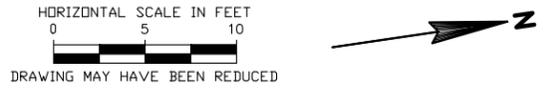
Date  
**6/14/2017**

Date	Revision

Drawing Name  
**Construction  
Details  
Sign & Fence  
Information**

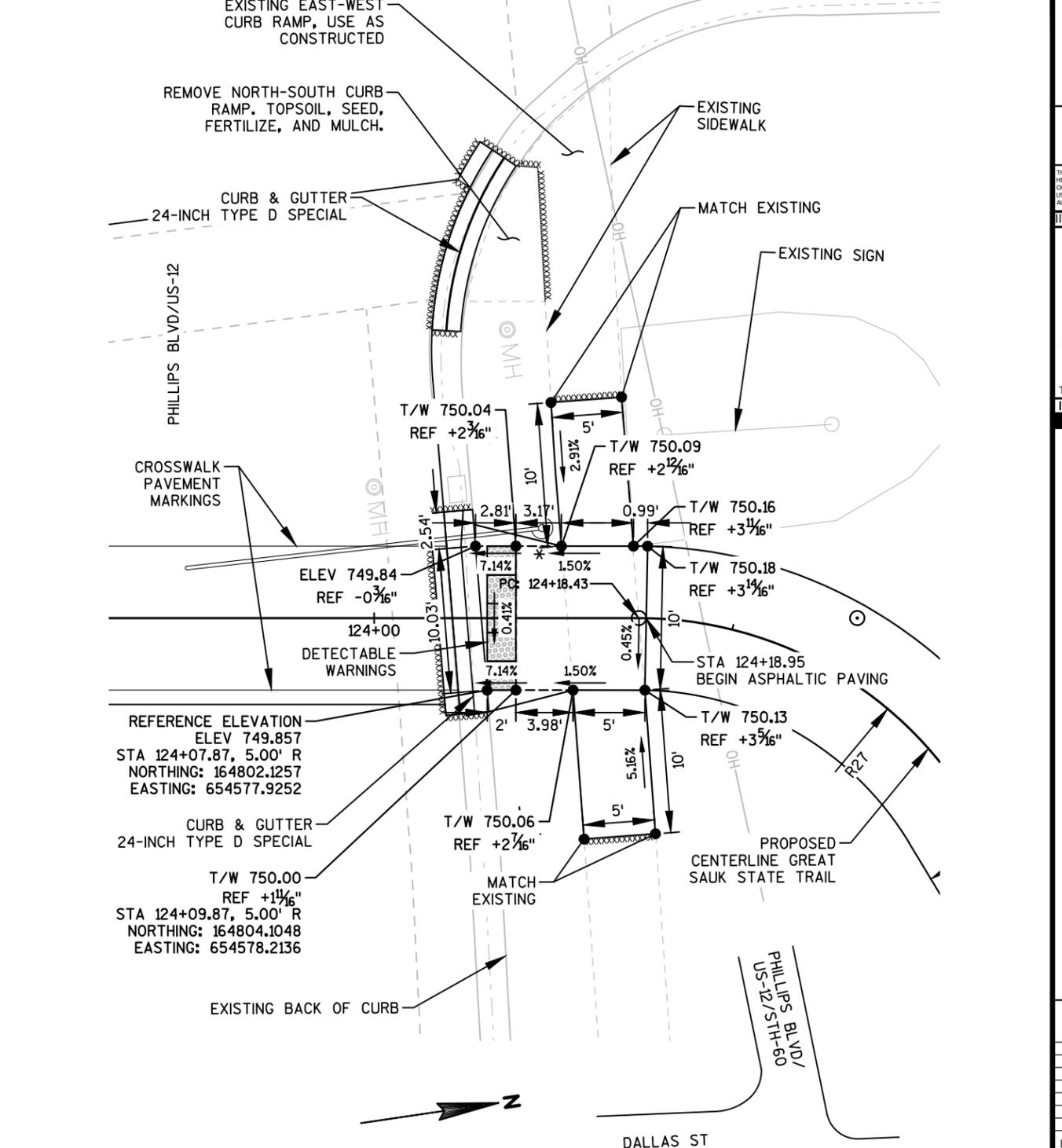
Sheet Number  
**C4.0**  
Project Number  
**16217**





**LEGEND**  
 -XXXXXXX- SAWCUT REQUIRED  
 - - - - - BREAK IN GRADE  
 - - - - - EXISTING BALLAST

\* TURNING SPACE (N.T.E. 2% IN ANY DIRECTION) REQUIRED ADJACENT TO FLASHING BEACON PUSHBUTTON



**LEGEND**  
 -XXXXXXX- SAWCUT REQUIRED  
 - - - - - BREAK IN GRADE  
 - - - - - EXISTING BALLAST

\* TURNING SPACE (N.T.E. 2% IN ANY DIRECTION) REQUIRED ADJACENT TO FLASHING BEACON PUSHBUTTON

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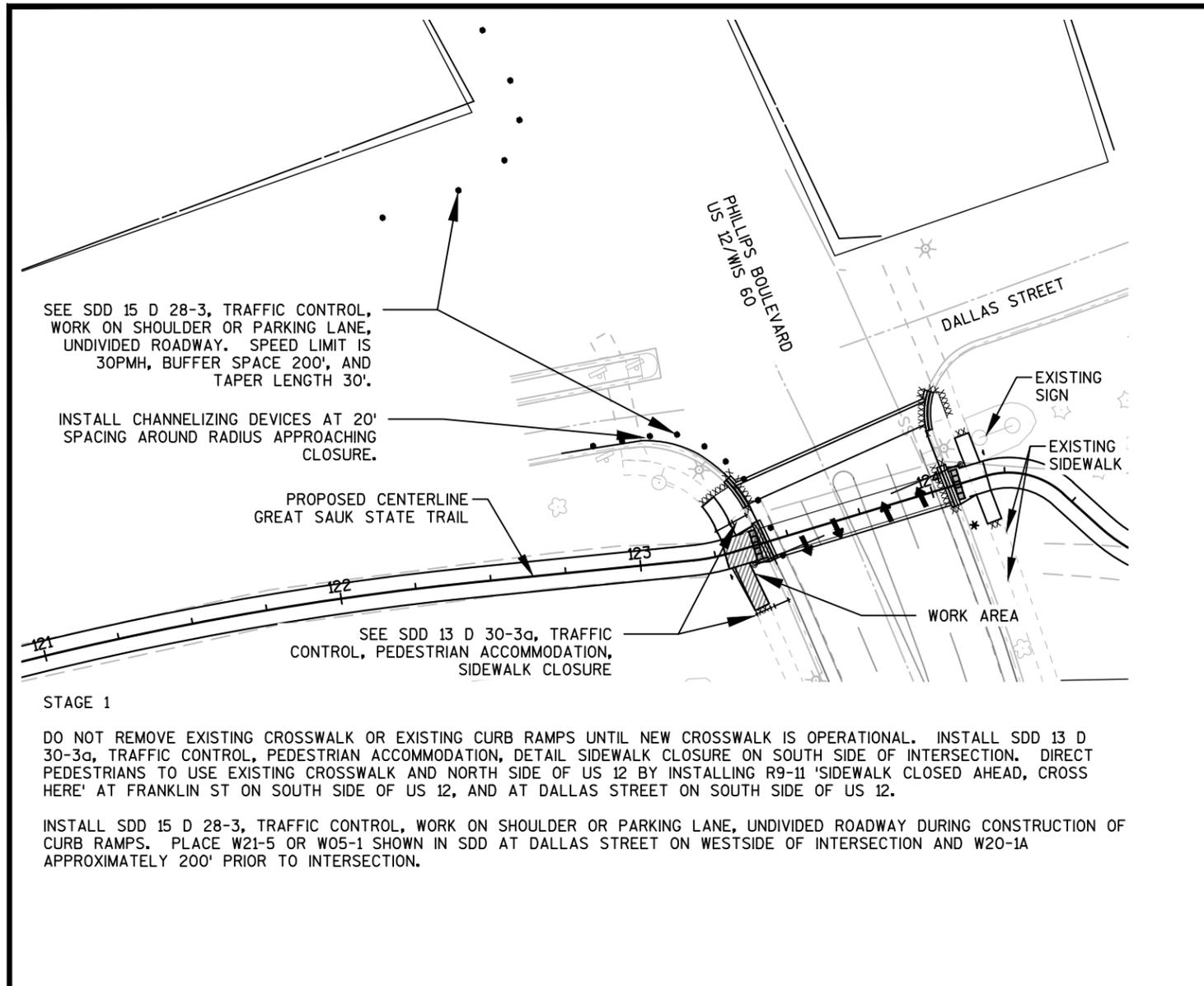
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 LAND SURVEYING  
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**Great Sauk State Trail  
 Prairie Du Sac/Sauk City Unit  
 Sauk County, Wisconsin**

Date	6/22/2017
Revision	
Date	
Revision	

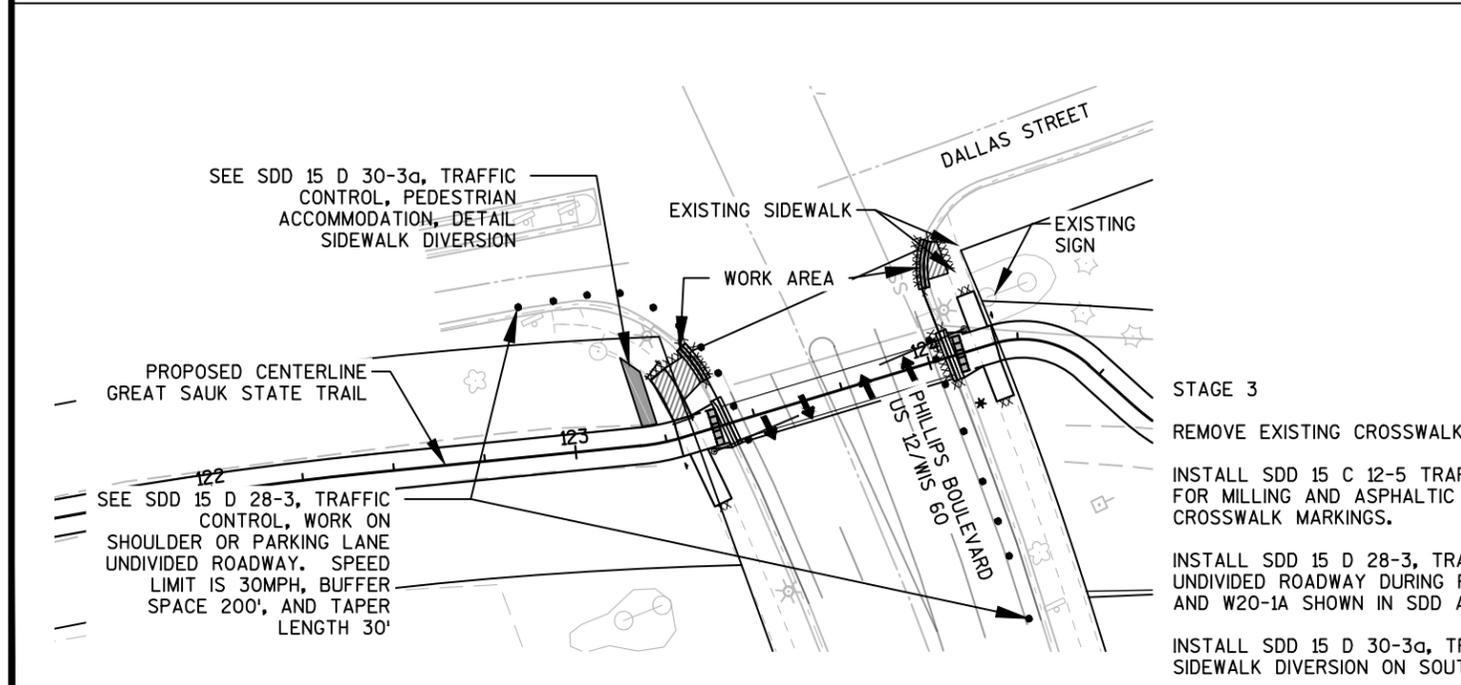
Drawing Name  
**Construction  
 Details  
 Phillips Blvd/US-12  
 Curb Ramps**

Sheet Number  
**C4.6**  
 Project Number  
**16217**



DO NOT REMOVE EXISTING CROSSWALK OR EXISTING CURB RAMPS UNTIL NEW CROSSWALK IS OPERATIONAL. INSTALL SDD 13 D 30-3a, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, DETAIL SIDEWALK CLOSURE ON SOUTH SIDE OF INTERSECTION. DIRECT PEDESTRIANS TO USE EXISTING CROSSWALK AND NORTH SIDE OF US 12 BY INSTALLING R9-11 'SIDEWALK CLOSED AHEAD, CROSS HERE' AT FRANKLIN ST ON SOUTH SIDE OF US 12, AND AT DALLAS STREET ON SOUTH SIDE OF US 12.

INSTALL SDD 15 D 28-3, TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY DURING CONSTRUCTION OF CURB RAMPS. PLACE W21-5 OR W05-1 SHOWN IN SDD AT DALLAS STREET ON WESTSIDE OF INTERSECTION AND W20-1A APPROXIMATELY 200' PRIOR TO INTERSECTION.

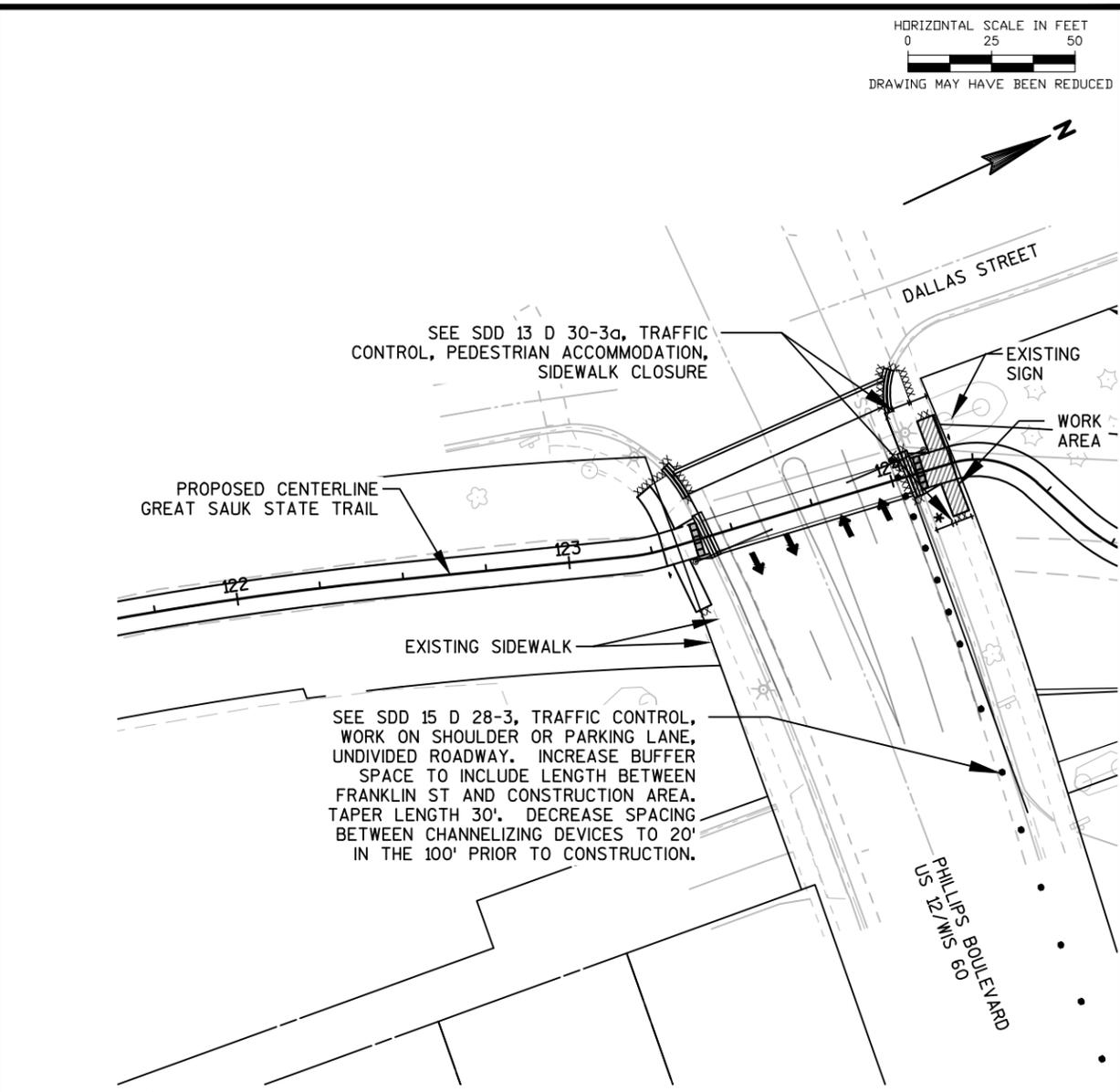


REMOVE EXISTING CROSSWALK AND EXISTING CURB RAMPS.

INSTALL SDD 15 C 12-5 TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION FOR MILLING AND ASPHALTIC PAVEMENT PATCH, TO ACCOMPLISH REMOVAL OF EXISTING CROSSWALK MARKINGS.

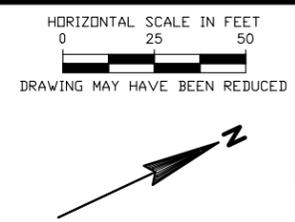
INSTALL SDD 15 D 28-3, TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY DURING REMOVAL OF EXISTING CURB RAMPS. PLACE W21-5 OR W05-1 AND W20-1A SHOWN IN SDD AS INDICATED IN STAGES 1 & 2.

INSTALL SDD 15 D 30-3a, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, DETAIL SIDEWALK DIVERSION ON SOUTH SIDE OF INTERSECTION.



DO NOT REMOVE EXISTING CROSSWALK OR EXISTING CURB RAMPS UNTIL NEW CROSSWALK IS OPERATIONAL. INSTALL SDD 13 D 30-3a, TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION, DETAIL SIDEWALK CLOSURE ON NORTH SIDE OF INTERSECTION. DIRECT PEDESTRIANS TO USE EXISTING CROSSWALK AND SOUTH SIDE OF US 12 BY INSTALLING R9-11 'SIDEWALK CLOSED AHEAD, CROSS HERE' AT FRANKLIN ST ON NORTH SIDE OF INTERSECTION AND AT DALLAS ST ON NORTH SIDE OF INTERSECTION.

INSTALL SDD 15 D 28-3, TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY DURING CONSTRUCTION OF CURB RAMPS. PLACE W21-5 OR W05-1 SHOWN IN SDD AT FRANKLIN ST ON EASTSIDE OF INTERSECTION AND W20-1A APPROXIMATELY 200' PRIOR TO INTERSECTION.



**JEWELL**  
associates engineers, inc.  
Engineers - Surveyors - Architects

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**Great Sauk State Trail  
Prairie Du Sac/Sauk City Unit  
Sauk County, Wisconsin**

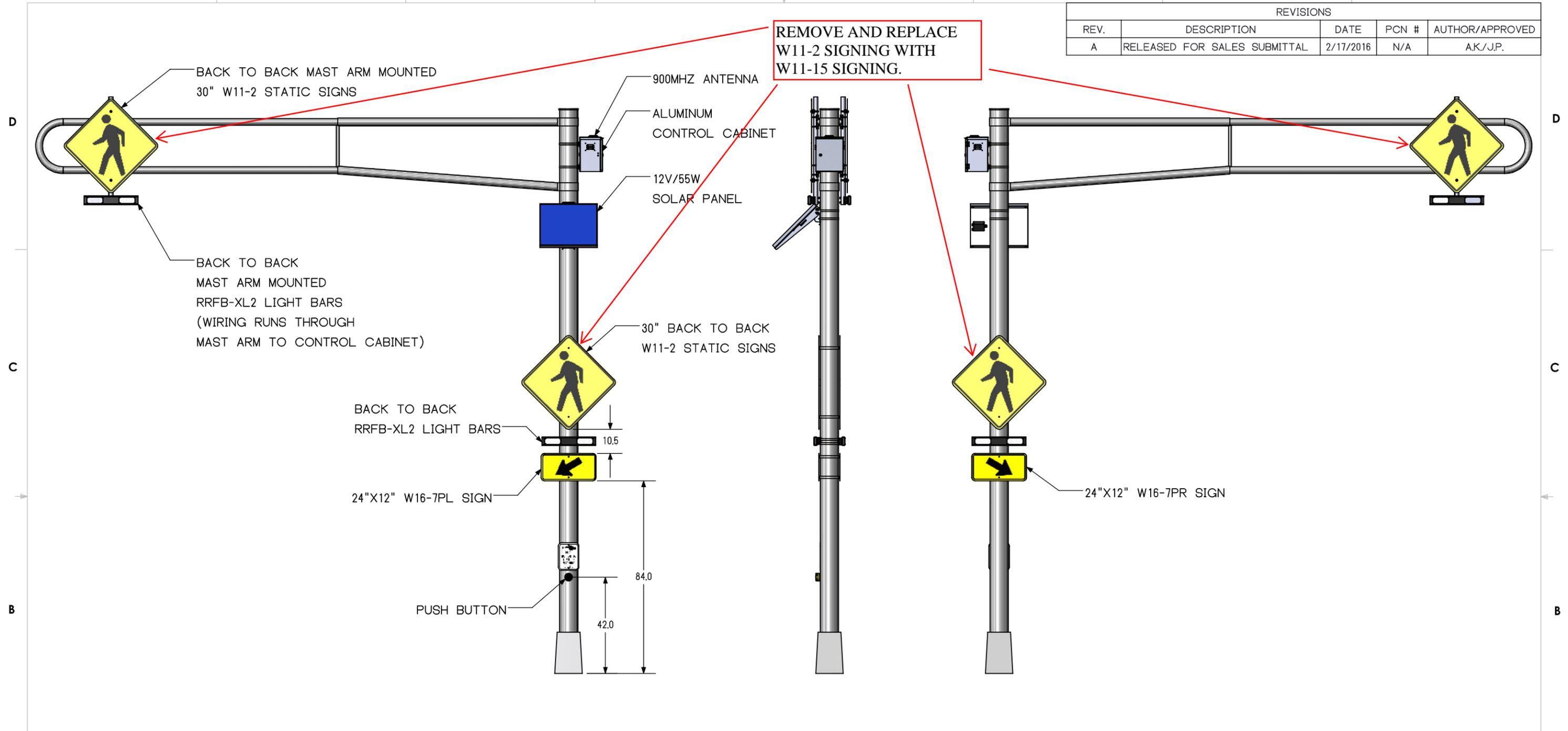
Date	6/5/2017
Revision	
Drawing Name	Traffic Control Phillips Blvd/US-12
Sheet Number	C4.23
Project Number	16217



8 7 6 5 4 3 2 1

REVISIONS				
REV.	DESCRIPTION	DATE	PCN #	AUTHOR/APPROVED
A	RELEASED FOR SALES SUBMITTAL	2/17/2016	N/A	A.K./J.P.

**REMOVE AND REPLACE W11-2 SIGNING WITH W11-15 SIGNING.**



- NOTES:**
- ORIENT SOLAR PANEL TOWARDS SOUTHERN SKY FOR MAXIMUM SOLAR EXPOSURE
  - CONTROL CABINET HEIGHT MAY VARY.
  - SNAP LOCKS ARE PROVIDED, STANDARD 3/4" S/S BANDING IS RECOMMENDED



TOLERANCE UNLESS OTHERWISE SPECIFIED HOLE $\phi$ $\pm .003$		TITLE: 12V 55W SOLAR BACK TO BACK RRFB-XL2 PED CROSSING MAST ARM ARRANGEMENT, PUSH BUTTON ACTIVATED		MATERIAL		INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009	
DEC.	MM	INCH		FINISH		REFERENCE: ETO16-00659	
X	$\pm 2.540$	$\pm 0.100$				STORAGE SIZE:	
XX	$\pm 0.762$	$\pm 0.030$					
XXX	$\pm 0.381$	$\pm 0.015$					
XXXX	$\pm 0.0127$	$\pm 0.0005$					
	ANGULAR	$\pm 0.5^\circ$					
			DESIGNED BY:	SIZE	DWG. NO.	REV	WEIGHT:
			DRAWN BY: A. KAVANAUGH	B	2TE-665	A	SCALE: 1:42
			CHECKED BY: J. PATTERSON				SHEET 1 OF 1
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8 7 6 5 4 3 2 1