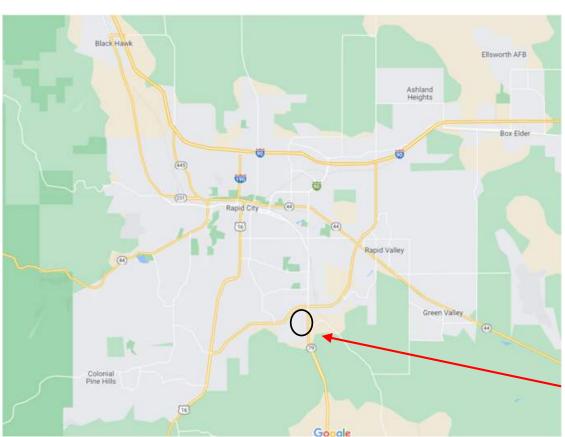


STATE OF SOUTH DAKOTA **DEPARTMENT OF TRANSPORTATION** PLANS FOR PROPOSED

PROJECT 410D411

DRIVERS LICENSE OFFICE PENNINGTON COUNTY

ADA IMPROVEMENTS, CONCRETE REPAIR, SIDEWALK, C&G, & PAVEMENT MARKING





Project

SPECIFICATIONS

For items not addressed in these documents, use 2015 Edition of South Dakota Department of Transportation Standard Specifications for Roads and Bridges.

SEQUENCE OF OPERATIONS

Work will be completed in three phases as depicted in these plans.

The space between the two adjacent PCC pavement areas north of the west walk-in entrance is the travel path for Drivers License customers who are exiting the parking lot. A minimum of 20' of width will be maintained for customers' vehicles departing from the parking area during business hours. Business days and hours are Tuesday through Friday, 7 AM – 5:30 PM.

- Phase 1 South building entrance, southeast parking lot, and northwest parking lot modifications. All concrete work and pedestrian railing will be completed prior to starting Phase 2 work.
- Phase 2 West building entrance and northeast parking lot modification
 - Phase 2a within 1 week after start of phase 2, complete C&G, sidewalk drain, and sidewalk at main entrance so that lobby foot traffic and mobility impaired can enter through main entrance.
 - Phase 2b- remaining work in Phase 2.
- Phase 3 Removal and Installation of Pavement Marking
- Once work in Phase 2 begins, work shall be pursued continuously to completion.

TRAFFIC CONTROL AND CONTRACTOR STAGING AREAS

The bid item Traffic Control Misc. will be full compensation for all temporary traffic control devices including signs, cones/barrels, and pedestrian safety fence.

WORK AREAS:

- During phases 1 and 2, the work areas shall be separated from pedestrians via use of orange plastic safety fence.
- During phase 3, the work area shall be separated from the public by cones or barrels.

STAGING AREAS: During phases 1 and 2, the contractor's staging areas shall be separated from public via use of traffic control cones or barrels spaced no greater than 10' apart.

Temporary signing for ADA parking and customer access to the driver's license building shall be maintained as shown on Phase 2 sheet.

QUANTITIES TO BE PAID

All bid items will be paid at the plan quantity amount, as shown in the ESTIMATE OF QUANTITES, unless changes are ordered by the Engineer. The contractor is encouraged to visit the project site prior to bid to observe the character and quantity of work needed.

INICIDENTAL WORK

Incidental work includes removal and disposal of all items not specifically addressed in these plans. They include, but are not limited to:

- Excavate as needed to perform all work.
 Slope soil away from newly placed concrete at slopes no greater than 4:1.
- Remove and disposed of excess soil for installation of new sidewalk. Retain and place enough topsoil to backfill against worksite.
- Seeding of any disturbed areas with a commercially available seed mixture suitable for lawns.
- Removal of walls, stairs, and railings from south stairway.
- Removal of parking blocks on west side of the building
- Removal of sidewalk drains
- Remove and Reset Sign in SE Parking Lot
- Remove Pavement Marking

REMOVAL OF EXISTING CONCRETE

In all concrete removal, including curb and gutter, pavement, sidewalk, and stairs:

- Sawcut existing concrete full depth prior to removal.
- Dowel and epoxy new reinforcement prior to placing new concrete.

INSERT STEEL BAR IN PCC PAVEMENT

Reinforcing bars will be installed as shown in standard plates, by drilling and epoxying the specified reinforcement into existing concrete. The cost to furnish and install reinforcing bars into the noted items will be included in the contract price for the associated concrete item. No separate payment will be made.

BASE COURSE

Base course that will be under sidewalk will be 2" minimum depth. The cost of that base course is incidental to and will be included in the cost of the sidewalk for the purposes of bidding.

Base Course under PCC Pavement, C&G, and Special Type C Retaining Wall Footing will be paid for by the ton at the plan quantity. The quantity calculated is based on 6" depth, however, only a 5" minimum depth is required under those items. A separate quantity was included, as shown in the table, for the additional depth of base course between Sp. Type C Footing and sidewalk above it.

No testing of the base course is required. Compaction of the base course will be to the satisfaction of the engineer.

CONCRETE

- Use Class M6 Concrete for all Portland Cement Concrete on the project. Type A spalls will be repaired with material specified in the Standard Specifications.
- Place 8" concrete for all new parking lot pavement
- Place 4" sidewalk
- Payment for concrete in the south ramp, wall, and stairs area is based on the following:
 - Sidewalk will be paid as shown on the Special Type C Retaining Wall Detail. The step on the east side of the ramp will also be paid as sidewalk.
 - Special Type C Retaining wall
 will be paid based on the
 exposed face of wall, plus the
 additional area for a height of 6"
 below the top of curb and
 gutter, as shown on the Special
 Type C Retaining Wall Detail.

TYPE 3 CURB RAMP

No detectable warning panel is required.

REMOVAL OF EXISTING PAVEMENT MARKING

Existing pavement marking is tape in grooved pavement. Removal of pavement marking will be completed in a manner that minimizes scarring on the existing pavement. Grinding will not be allowed. Pavement marking removal will be paid at the lump sum price bid.

NEW PAVEMENT MARKING

New pavement marking materials will be pavement marking tape. Grooving will not be required. The plan shown quantity will be the amount paid.

REMOVE AND RESET MAILBOX

Include the cost of new anchoring hardware in bid price.

STEEL PEDESTRIAN RAILING

The railing to be installed on the south side of the building follows a ramp, landing area, and short stairs. There are horizontal and vertical bends at two locations along the railing. Verify that railing will match the new concrete prior to fabricating.

The handrail will include a mid-height horizontal rail as shown on Railing Installation sheet. The plan shown quantity will be the amount paid. No shop plans or certifications will be required on this project.

MISCELLANEOUS STAKING

The price bid for Miscellaneous Staking will be full compensation for all survey and line control needed to ensure that the project is built in a workmanlike manner, and to ensure the parking lot drains properly after completion of construction.

WORK BY OTHERS

Permanent ADA signing will be installed by DOT forces after completion of the work.

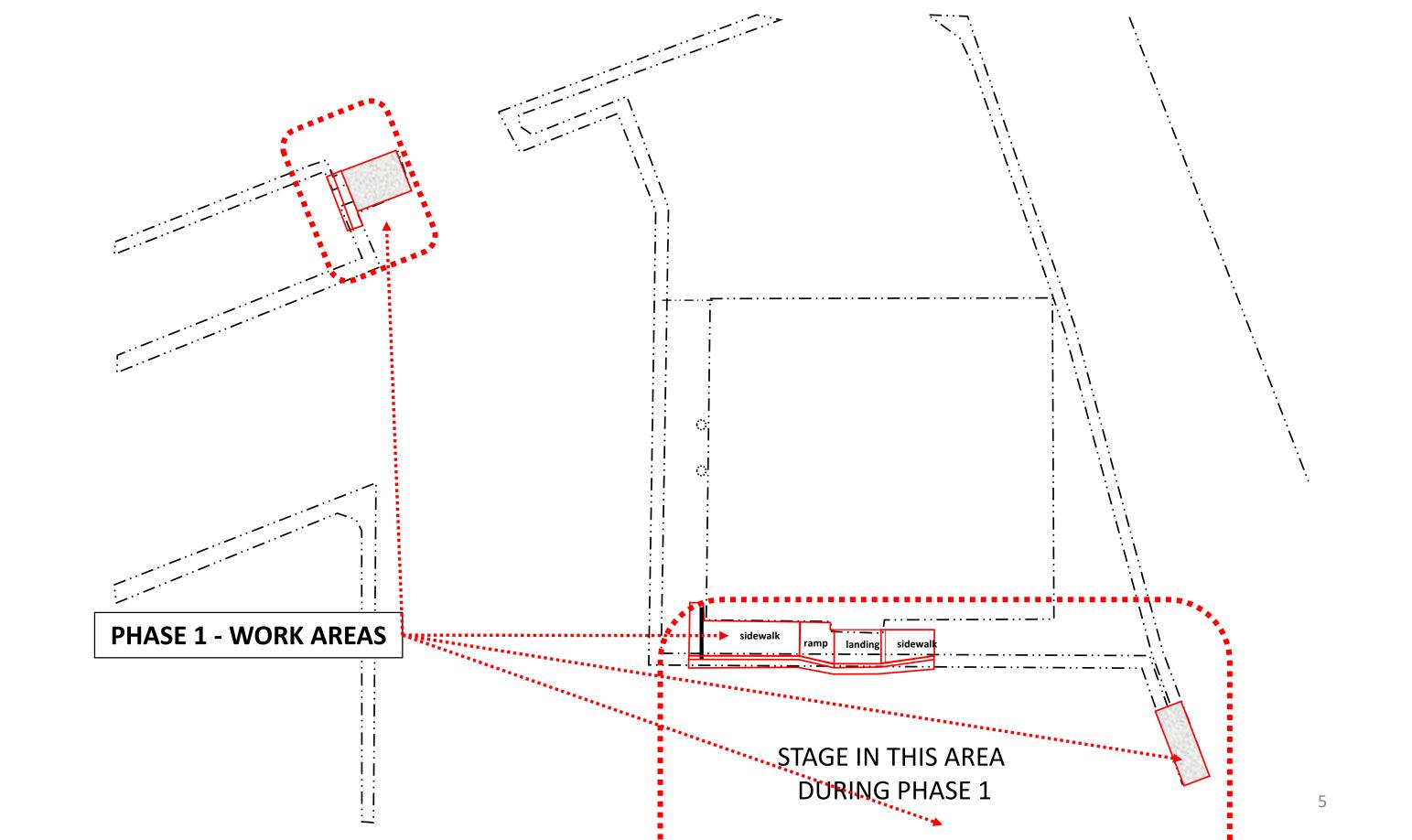
ESTIMATE OF QUANTITIES

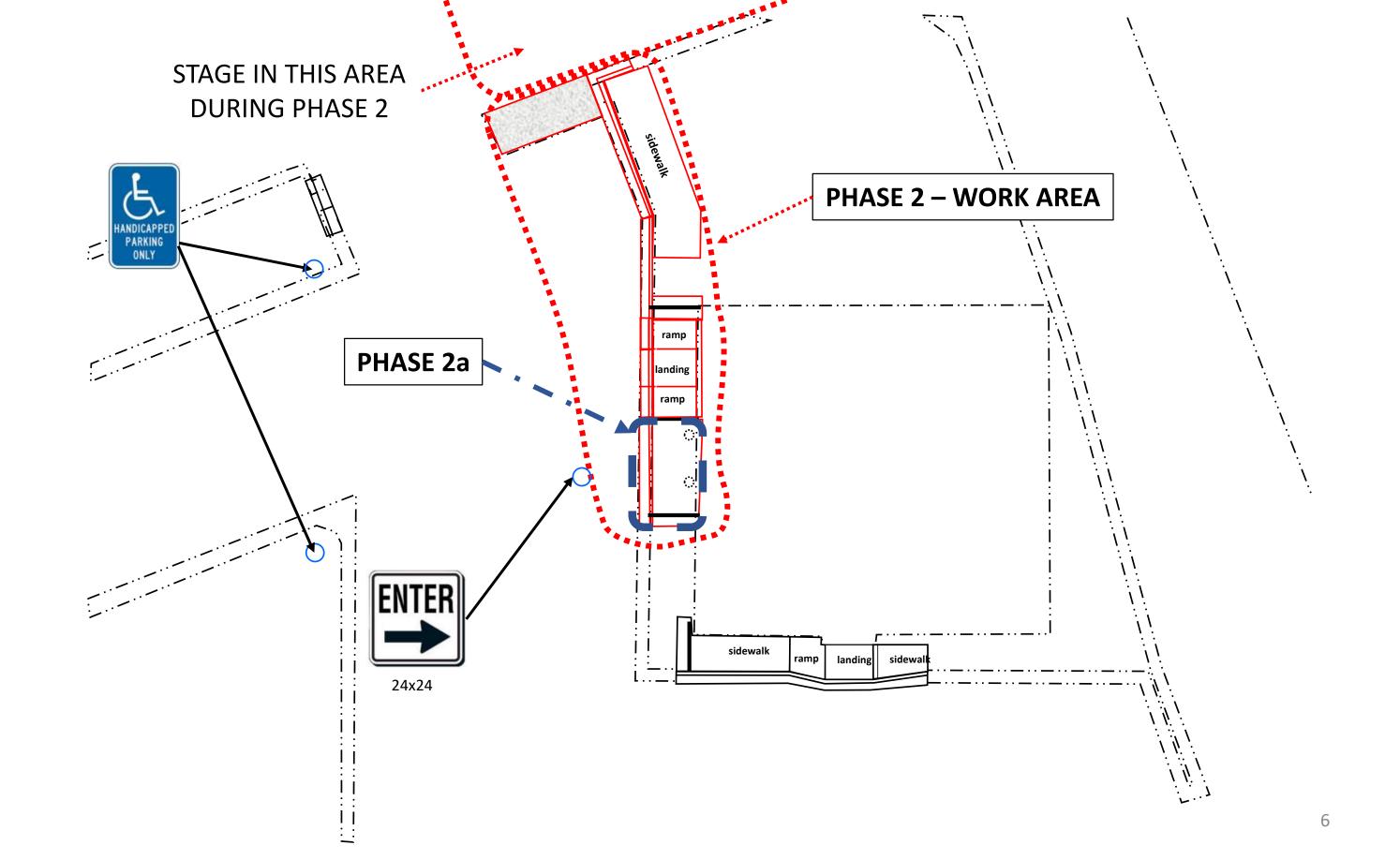
BID ITEM			
NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	1	LS
009E3260	Miscellaneous Staking	1	LS
110E0300	Remove Concrete Curb and/or Gutter	339	Ft
110E0420	Remove Drop Inlet Frame and Grate Assembly	1	Each
110E1100	Remove Concrete Pavement	2.8	SqYd
110E1140	Remove Concrete Sidewalk	101.4	SqYd
250E0010	Incidental Work	1	LS
260E1010	Base Course	41.1	Ton
380E0050	8' Nonreinforced PCC Pavement	72.3	SqYd
390E0200	Repair Type A Spall	12.0	SqFt
470E0040	Steel Pedestrian Railing	20.0	Ft
530E0310	Special Type C Concrete Retaining Wall	14	SqFt
633E0010	Cold Applied Plastic Pavement Marking, 4"	300	Ft
633E0025	Cold Applied Plastic Pavement Marking, 12"	180	Ft
633E0062	Cold Applied Plastic Pavement Marking, Symbol	4	Each
634E0120	Traffic Control, Miscellaneous	1	LS
650E0080	Type B68 Concrete Curb and Gutter	108	Ft
650E0380	Type BL68 Concrete Curb and Gutter	64	Ft
650E4680	Type P8 Concrete Gutter	5	Ft
651E0040	4' Concrete Sidewalk	1,293	SqFt
651E7000	Type 1 Detectable Warnings	10	SqFt
670E7000	Reset Drop Inlet Frame and Grate Assembly	1	Each
900E0022	Remove and Reset Mailbox	1	Each

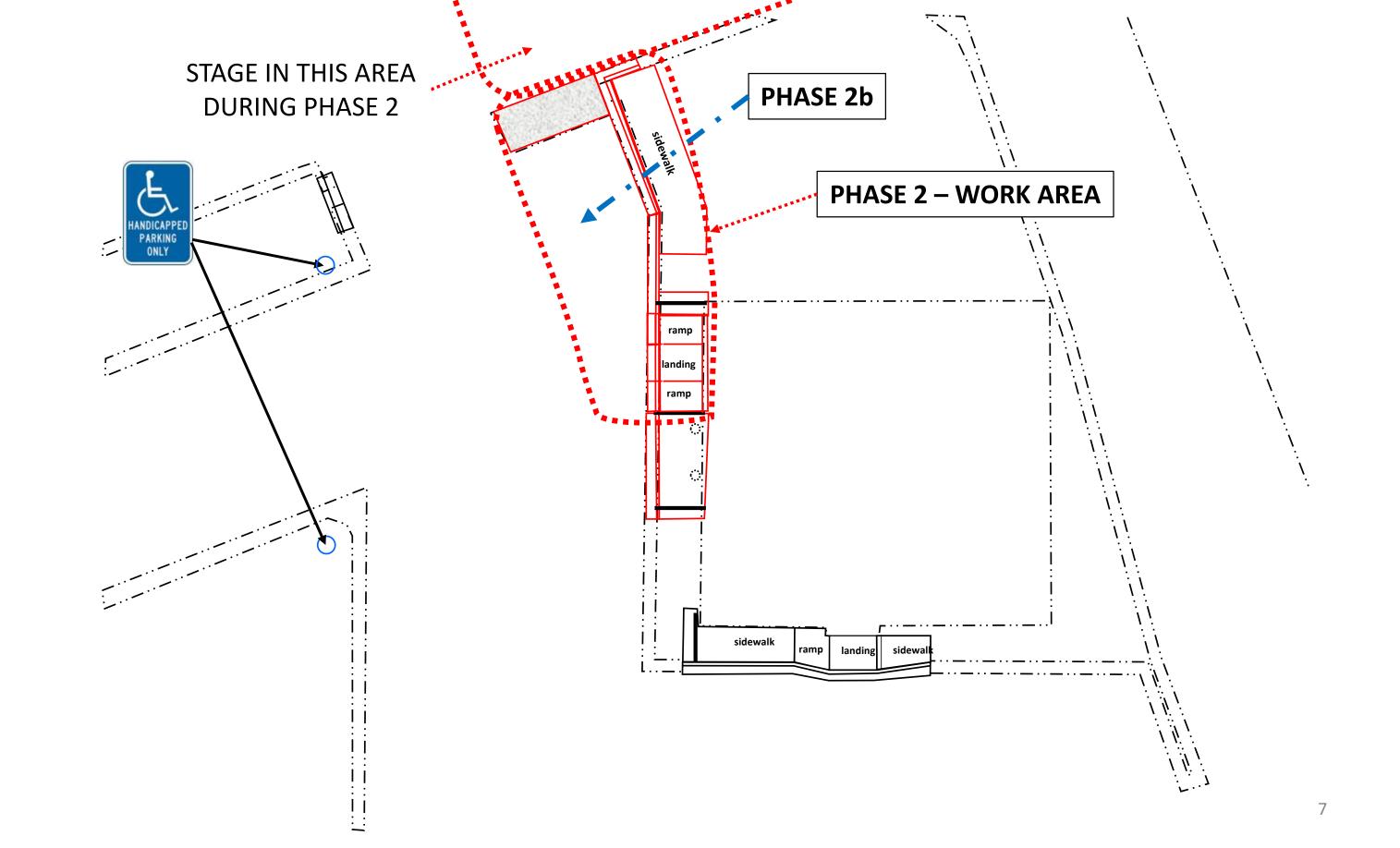
C&G REMOVAL		SIDEWALK	SIDEWALK REMOVAL				
Location	Length	Location	Length	Width	Area(sqft)		
NW Island	34.6	NW Island	9.0	3.7	33.3		
NE Island	61.6	NE Island	9.0	3.7	33.3		
West Side		West Side of					
of Bldg	91.0	Bldg	56.3	9.1	512.3		
South Side of Bldg	52.1	South Side of Bldg1	4.0	2.3	9.2		
SE Islands	100.0	South Side of Bldg2	32.7	7.5	245.3		
Total:	339.3	South Side of Bldg3	19.4	4.1	79.5		
		Total:			912.9		

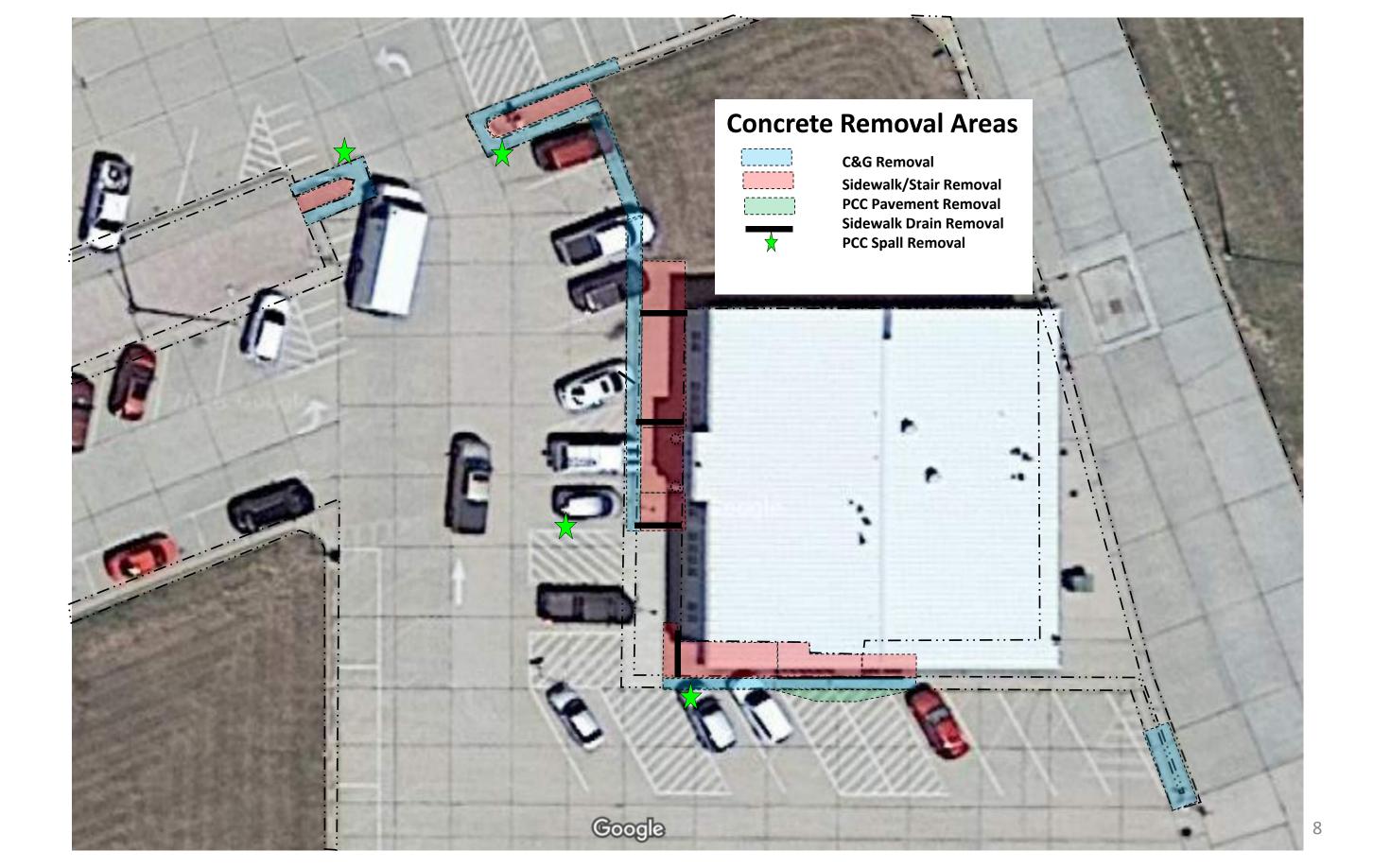
B68 C&6	;	SIDEWALK				NONREINE	ORCED PC	CP 8"		Base Cou	irse
Location	Length	Location	Length	Width	Area(sqft) Location	Length	Width	Area(sqyd)	Location	Length
		West Side				ĺ				NW	
NW Island	9.0	of Bldg	97.3	9.1	885.4	NW Island	12.8	9.0	12.8	Island	4.7
West Side		South Side									
of Bldg	98.9	of Bldg1	4.0	2.3	9.2	NE Island	23.0	9.0	23.0	NE Island	7.8
		South Side				South of				SE	
Total:	107.9	of Bldg2	32.8	7.5	246.0	Building	22.0	1.5	3.7	Islands	6.5
		South Side								Under	
		of Bldg3	8.0	8.3	66.0	SE Islands	51.0	5.8	32.9	C&G	22.1
		South Side								Type C	
		of Bldg4	8.8	5.5	48.4	Total	l:		72.3	Ret. Wall	4.4
		South Side									
		of Bldg4	8	4.75	38.0					Total:	41.1
				Total:	1293.0						
BL68 C&	G	P8 GUT	TER		TYPE A S	PALL REPAIR					
Location	Length	Location	Length		Location						
South Side	Long.	West Side	ueng		Location	7.1.02					
of Bldg	52.1	of Bdg	5.0		NW island	2.5					
SE Parking											
Lot	12.0				NE island	2					
Total:	64.1				West	4.5					
					South cur	1					
					South						
SPEC. TYPE	C RET. WALL				entrance	2					
Location	Area				Total:	12					
South Side											
of Building	14.4										

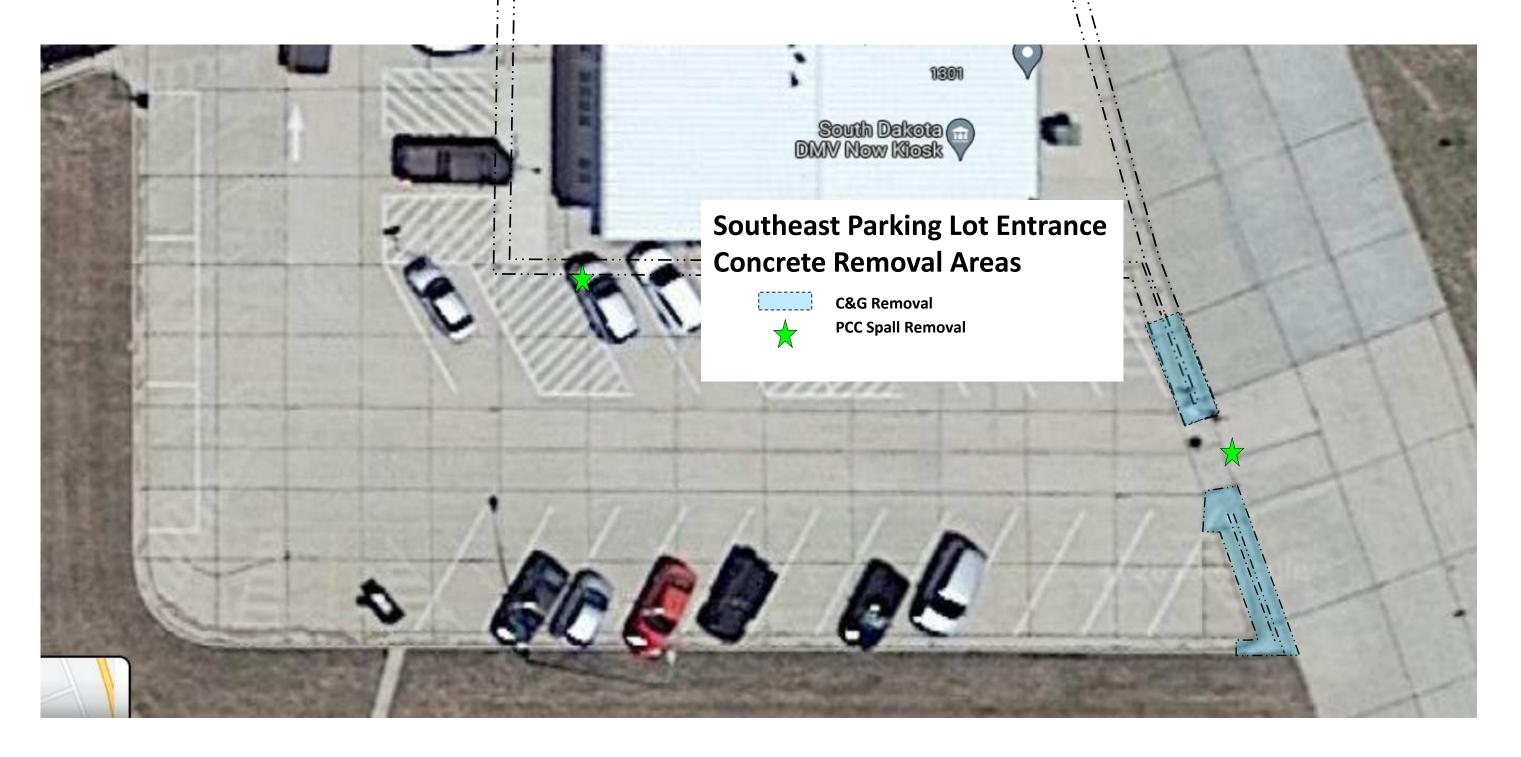
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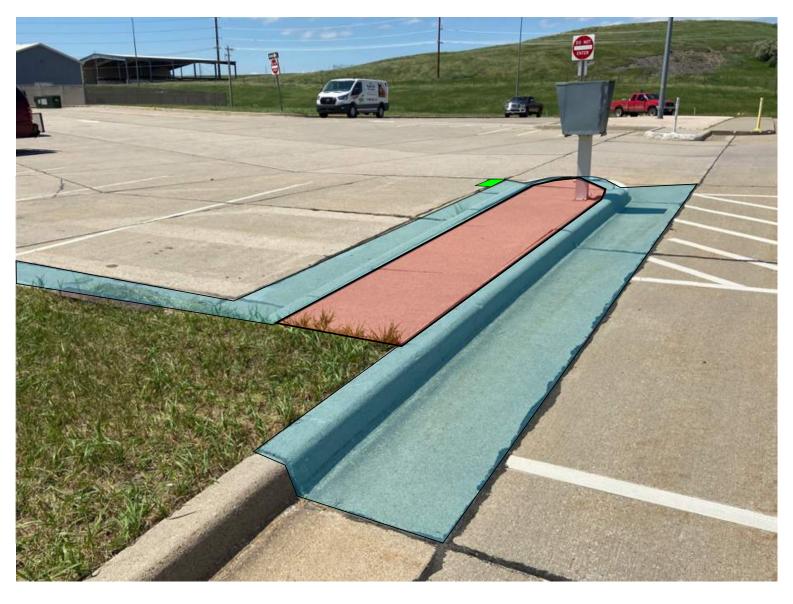








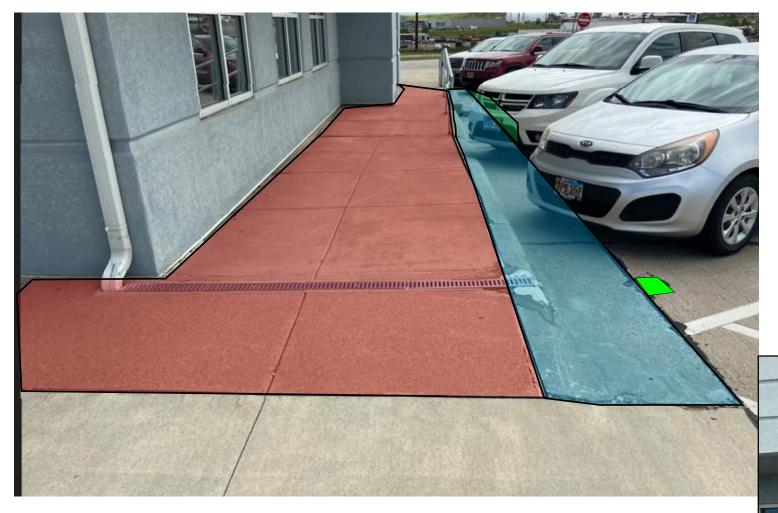
Removals at North Exit





Removals at West Entrance

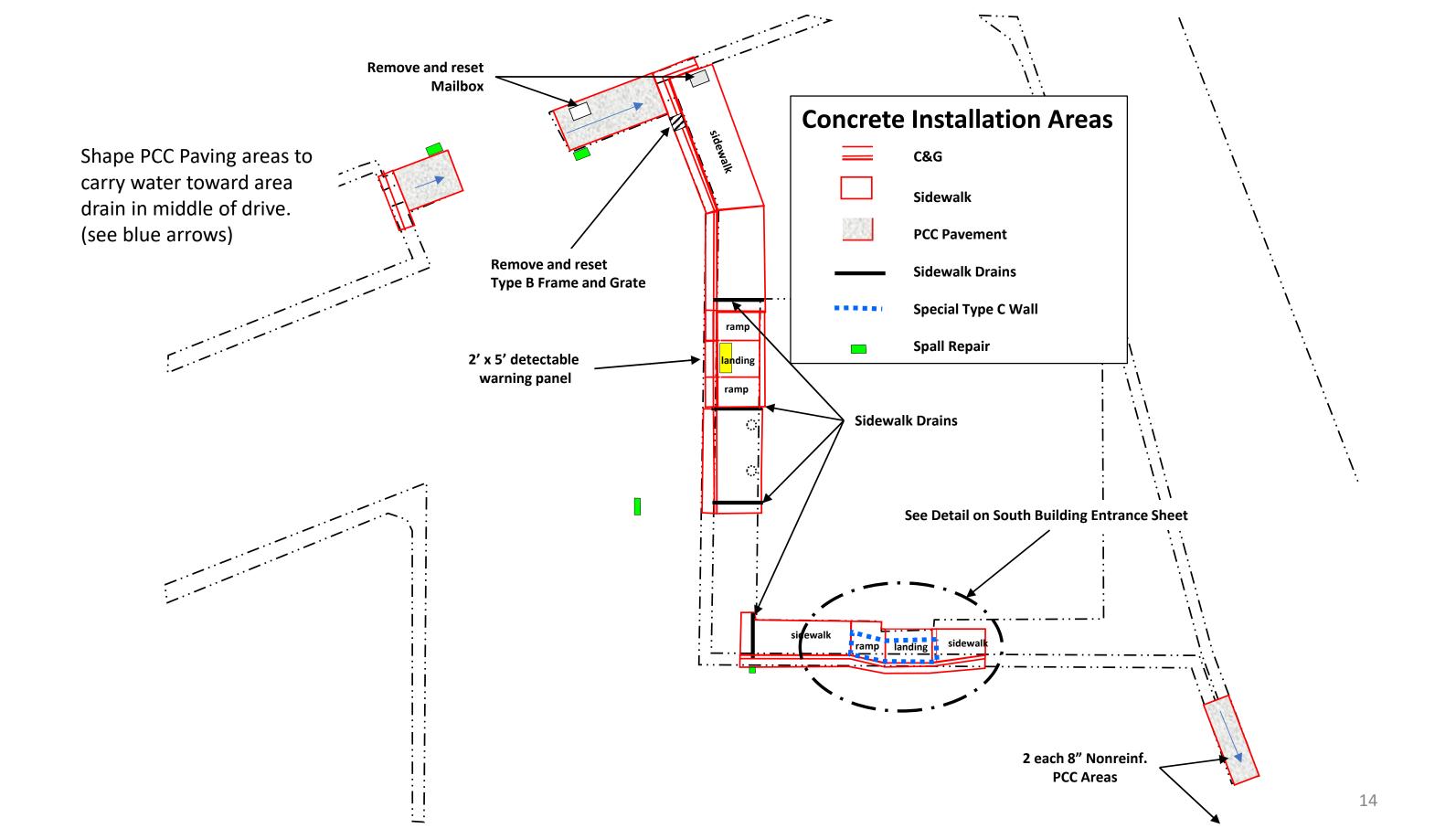


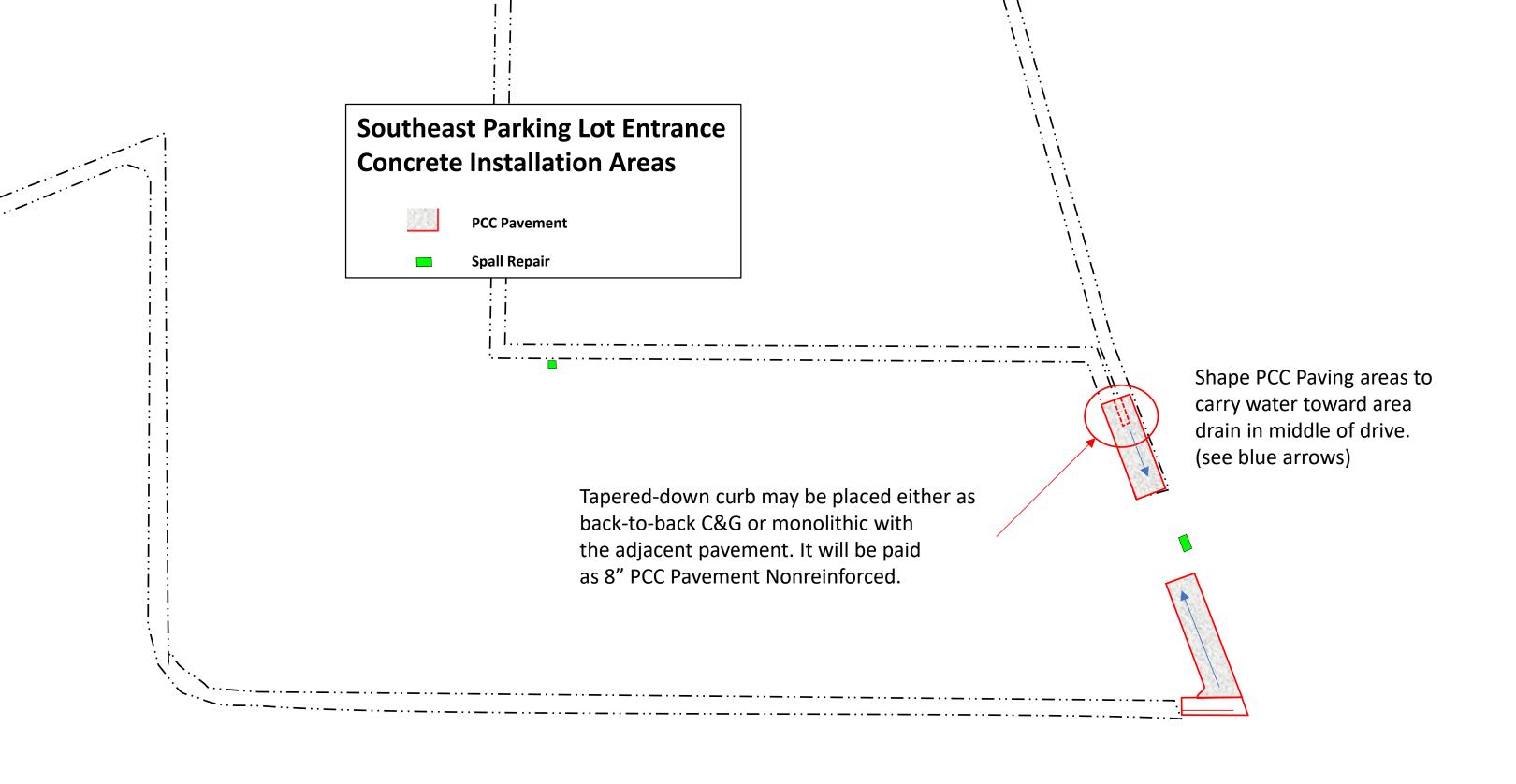


Removals at South Building Entrance

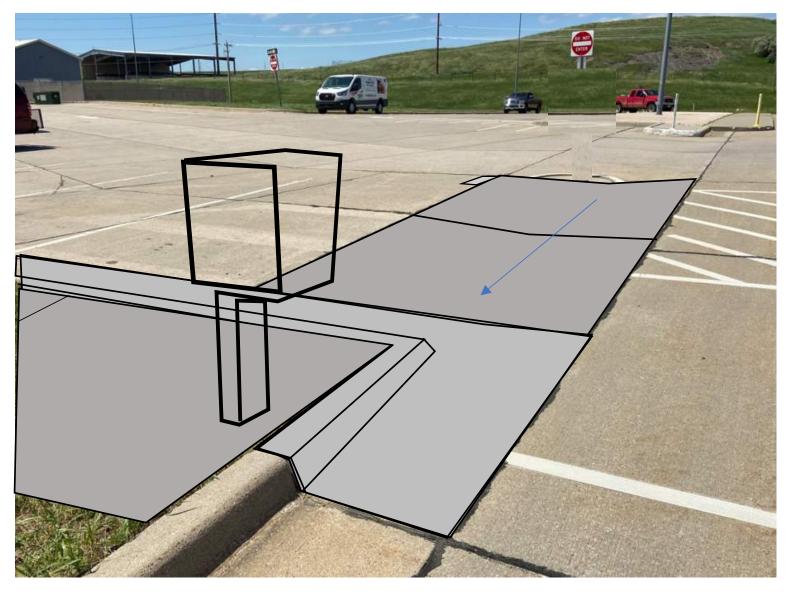


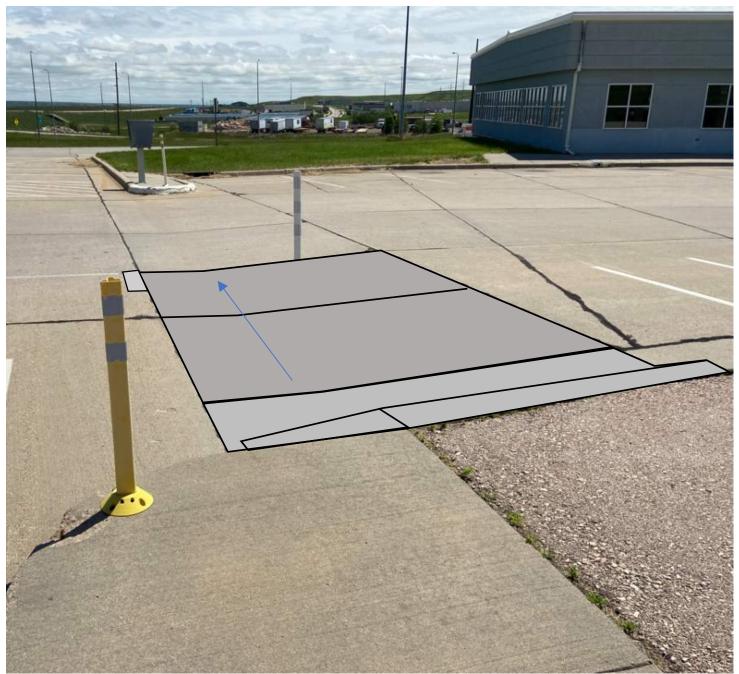




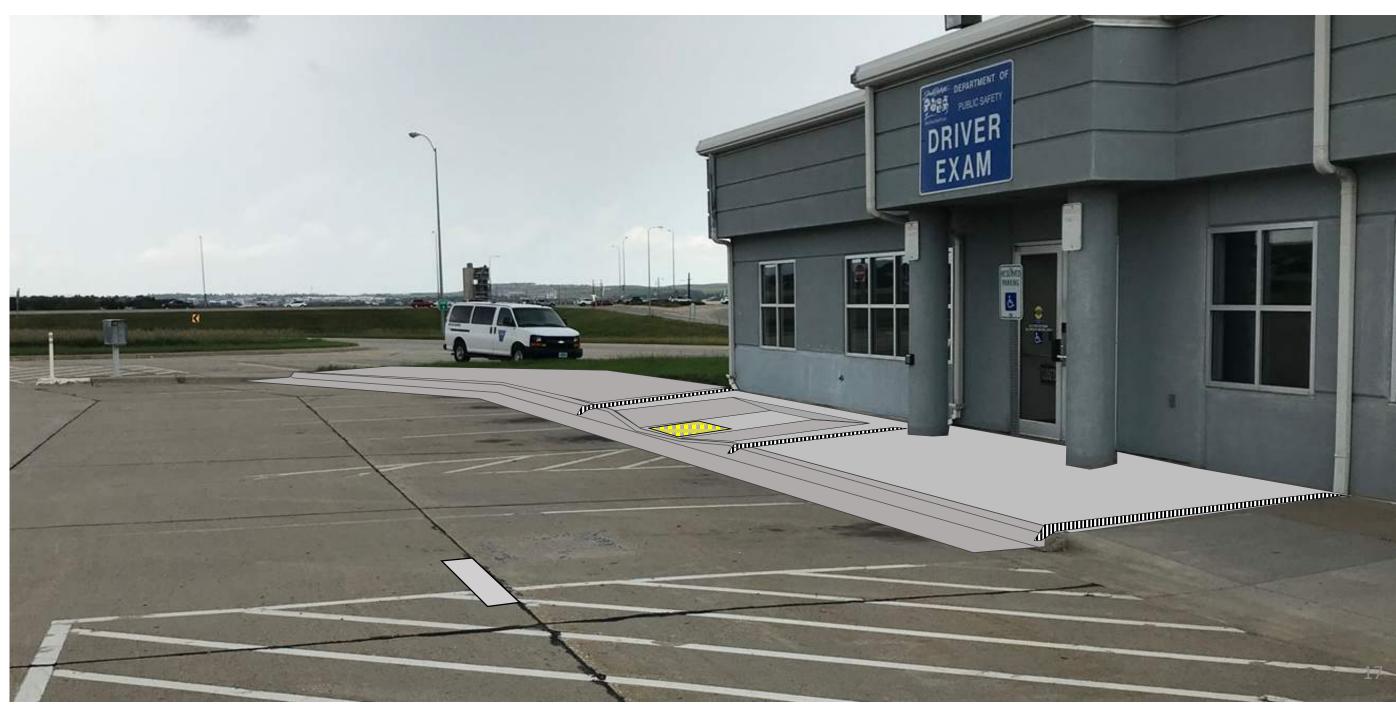


Installations at North Entrance

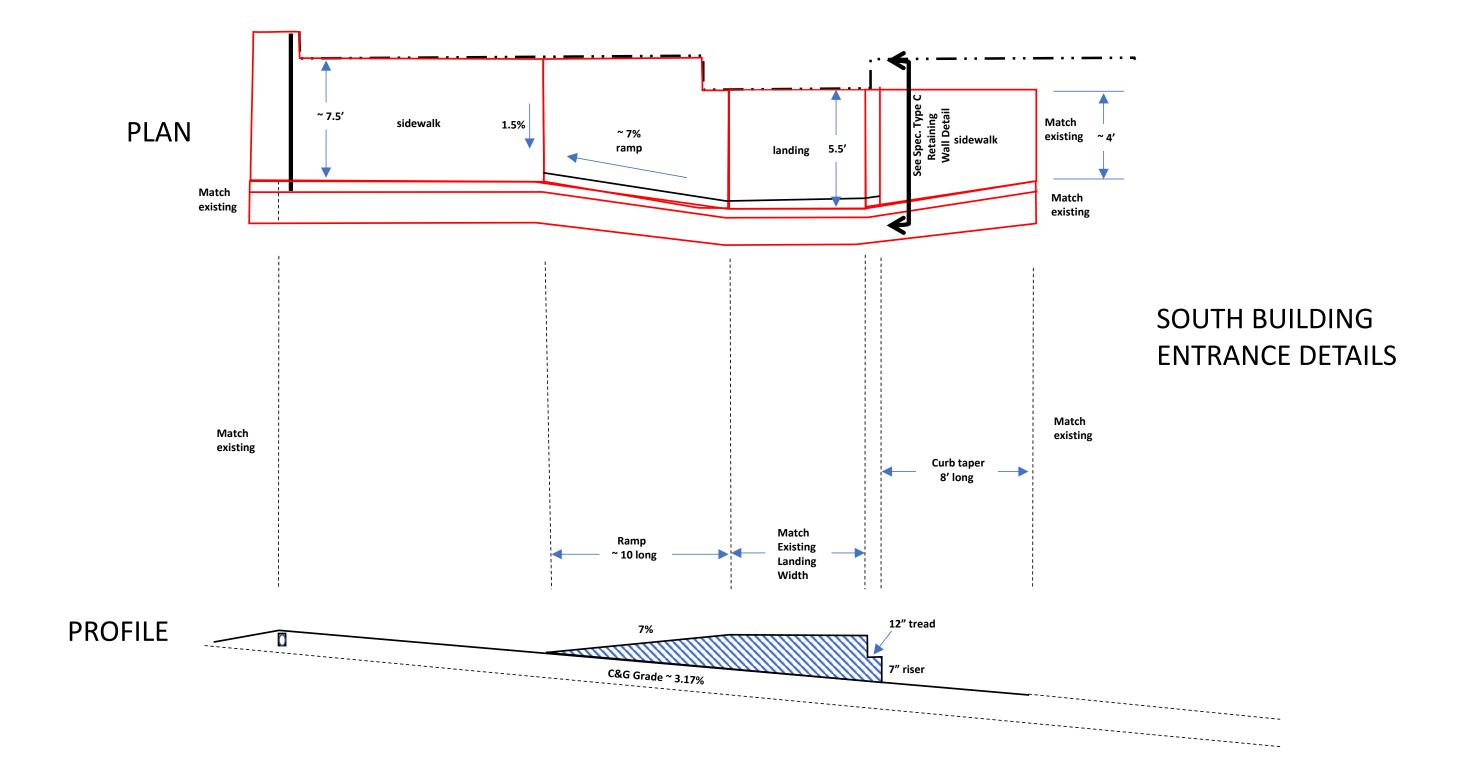




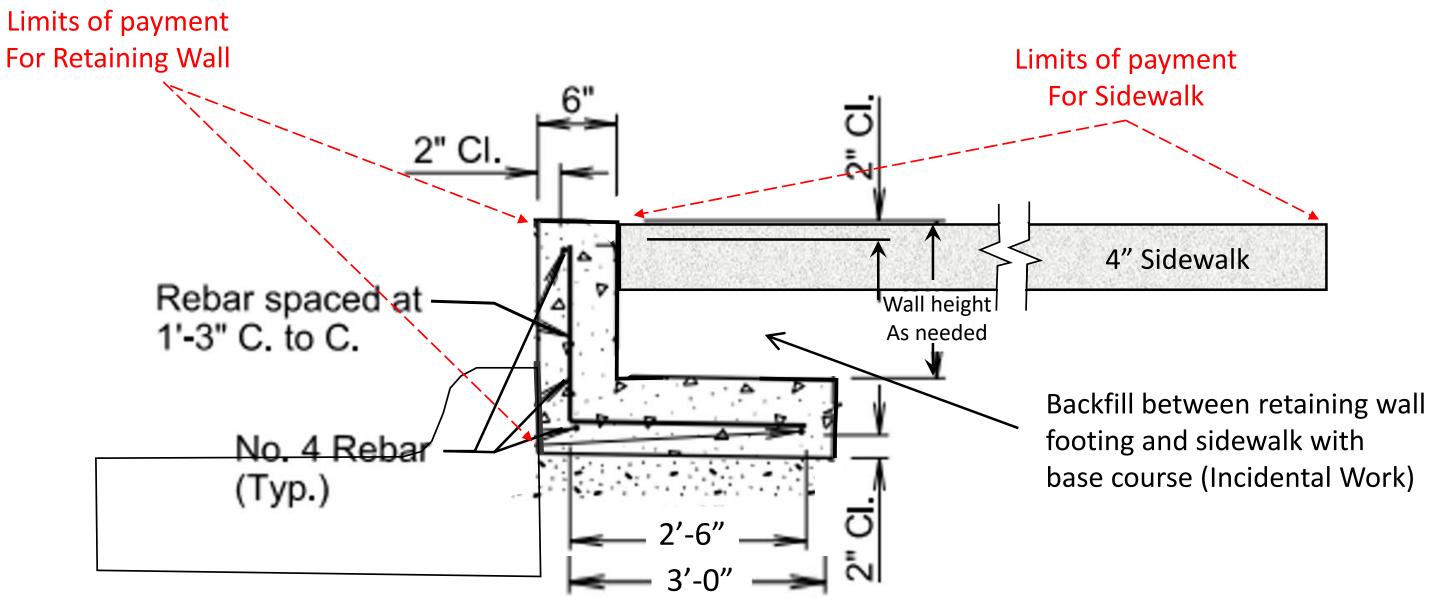
Installations at West Entrance



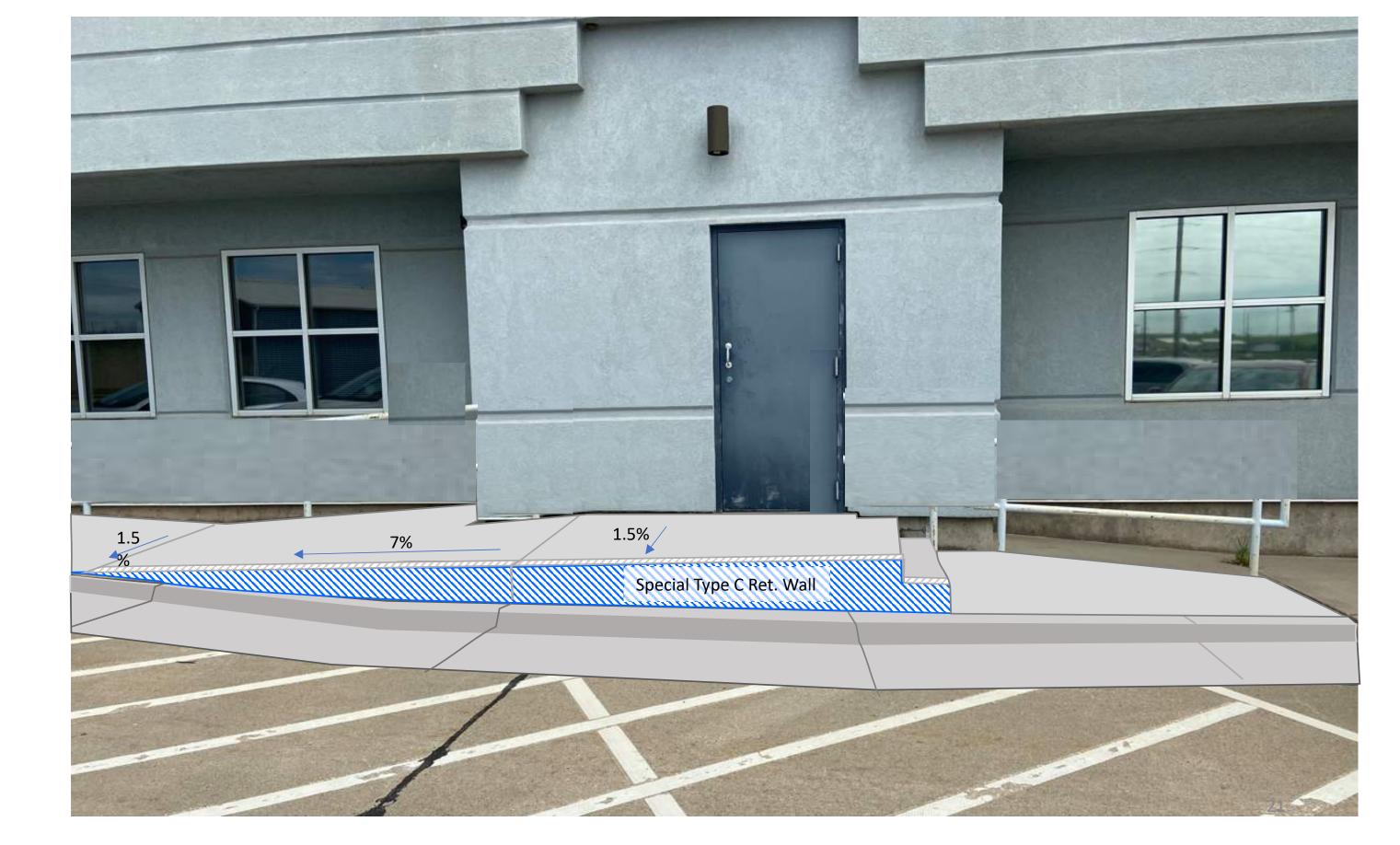


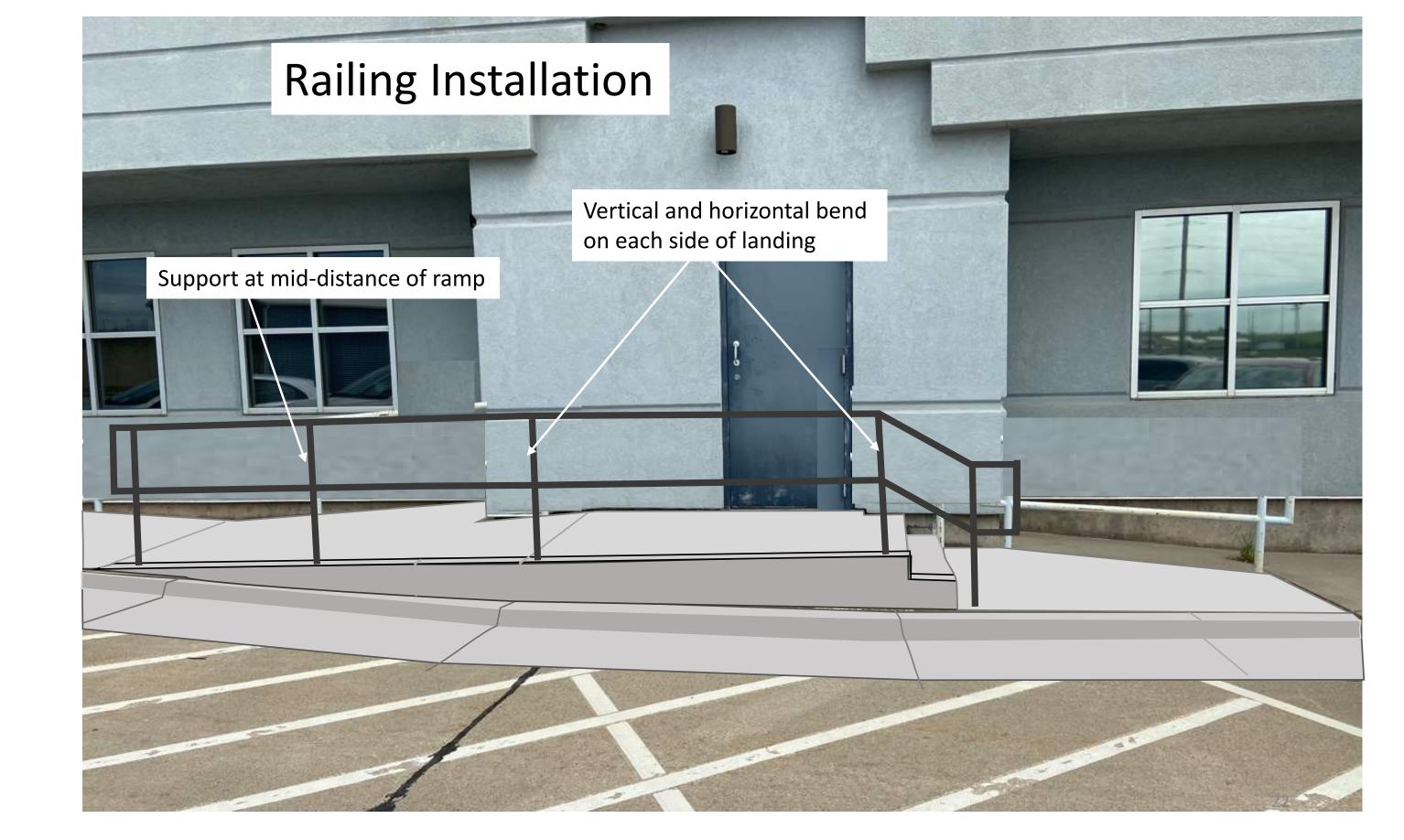


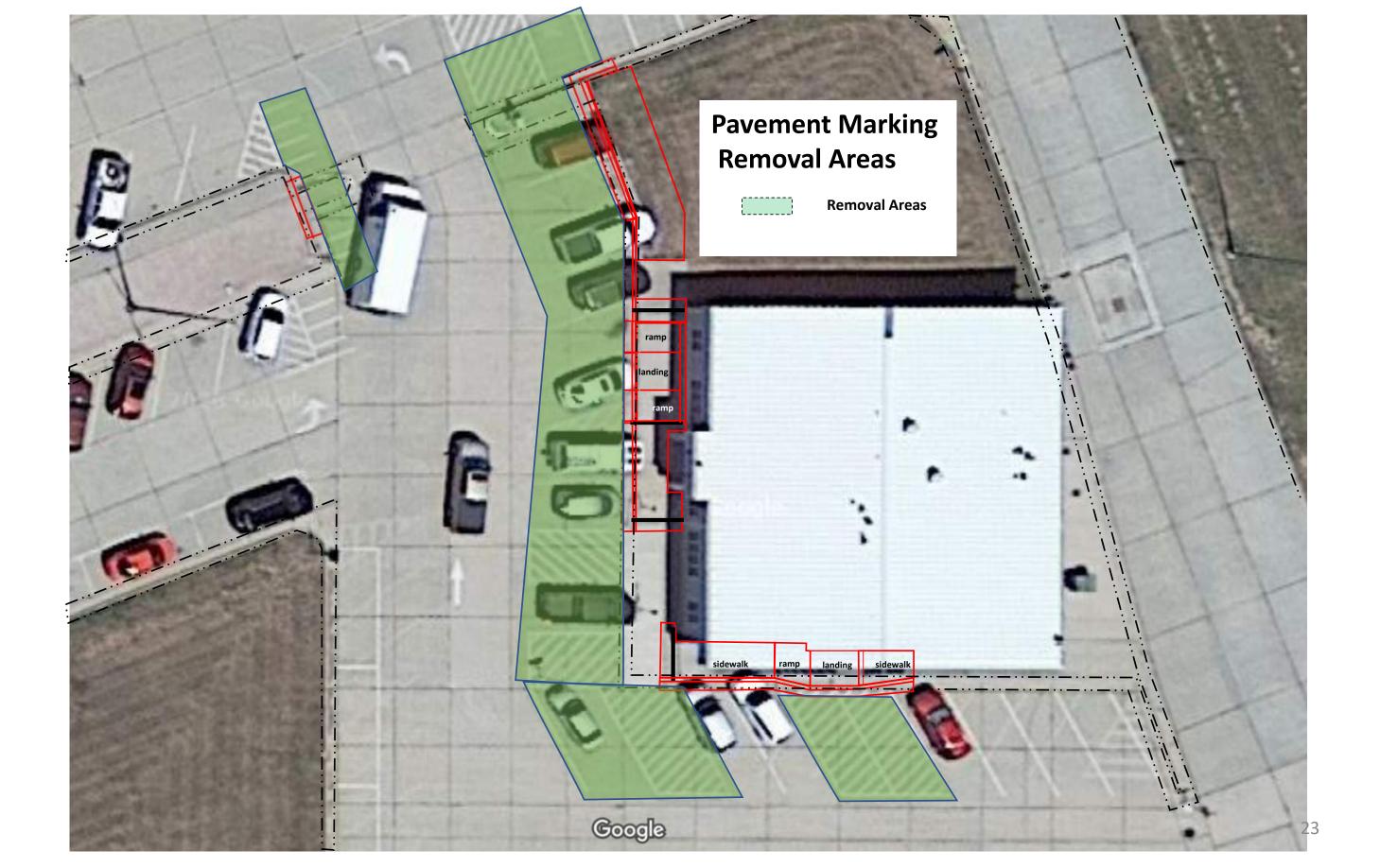
Special Type C Retaining Wall Details



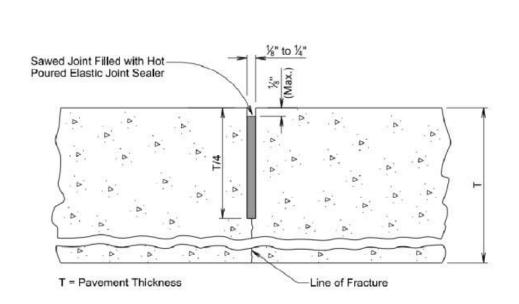
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Pavement Marking



If an early entrance saw cut does not develop the full transverse crack, then the saw cut to control cracking will be a minimum $\frac{1}{4}$ of the thickness of the pavement.

All hot poured elastic joint sealer material spilled on the surface of the concrete pavement will be removed as soon as the material has cooled. The extent of removal of material will be to the satisfaction of the Engineer. All costs for removal of the spilled joint sealer material will be borne by the Contractor.

November 19, 2022

Published Date: 2024

Published Date: 2024

PCC PAVEMENT TRANSVERSE CONTRACTION 380.12

Steet 1 of 1

TRANSVERSE CONSTRUCTION JOINT WITH TIE BARS Sawed joint filled with Hot Poured Elastic Joint Sealer In Place PCC Pavement Drilled Hole Full Depth Saw Cut

GENERAL NOTES:

The term "In Place PCC Pavement" in the above drawing indicates that the in place PCC pavement was placed on a previous project.

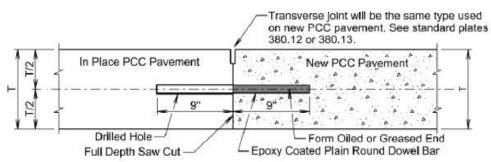
T = In Place PCC Pavement and New PCC Pavement Thickness

See sheet 2 of 2 of this standard plate to determine if Detail A will be used.

The tie bars will be embedded a minimum depth of 9 inches into the in place PCC pavement and anchored with an epoxy resin adhesive or a non-shrink grout.

No. 9 epoxy coated deformed tie bars will be used in 10 inch thickness and less PCC Pavement and No. 11 epoxy coated deformed tie bars will be used in 10.5 inch thickness and greater PCC Pavement. The tie bar spacing will be 18 inches center to center and will be a minimum of 3 inches and a maximum of 9 inches from the pavement edges.

DETAIL B TRANSVERSE CONSTRUCTION JOINT WITH DOWEL BARS



GENERAL NOTES:

T = In Place PCC Pavement and New PCC Pavement Thickness

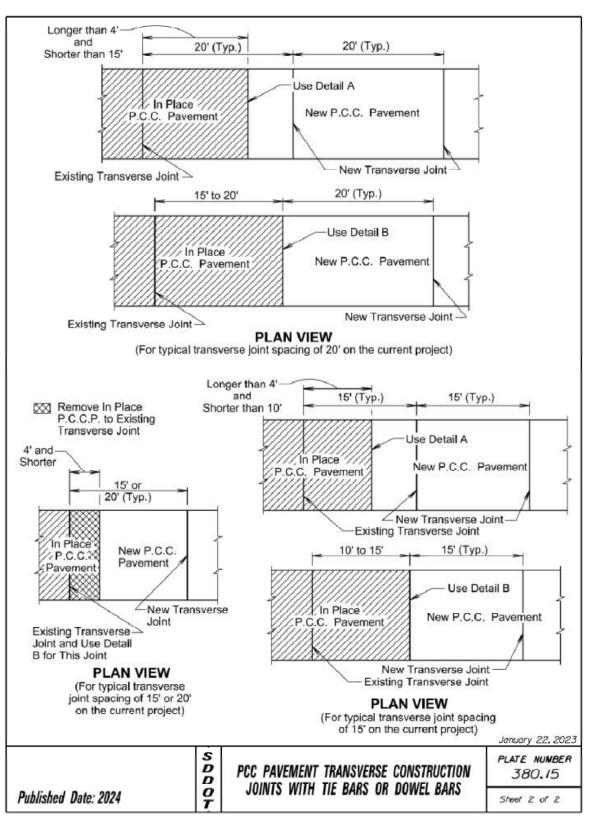
The term "In Place PCC Pavement" in the above drawing indicates that the in place PCC pavement was placed on a previous project or current project.

See sheet 2 of 2 of this standard plate to determine if Detail B will be used.

The plain round dowel bars will be embedded a minimum depth of 9 inches into the in place PCC pavement and anchored with an epoxy resin adhesive or a non-shrink grout.

The epoxy coated plain round dowel bar size, number, and spacing will be the same as detailed on the corresponding dowel bar assembly standard plate (380.04, 380.05, 380.06, or 380.07). The epoxy coated plain round dowel bars will be a minimum of 3 inches and a maximum of 6 inches from the pavement edges.

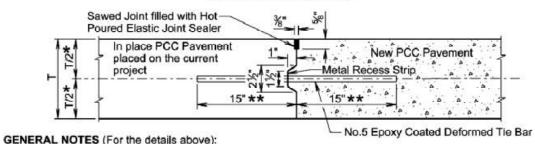
	S D D	PCC PAVEMENT TRANSVERSE CONSTRUCTION	PLATE NUMBER 380.15
Published Date: 2024	O	JOINTS WITH TIE BARS OR DOWEL BARS	Sheet I of 2



Sawed Joint filled with Hot Poured Elastic Joint Sealer In place PCC Pavement placed on previous project or current project Drilled Hole No.5 Epoxy Coated Deformed Tie Bar the tie bars will be embedded a minimum depth of 9 inches into the in place PCC pavement and anchored with an epoxy resin adhesive.

LONGITUDINAL CONSTRUCTION JOINT WITH TIE BARS

(Inserted or Formed in Bars)



The epoxy coated deformed tie bars will be spaced in accordance with the following tables:

TIE BAR SPACING 48"	MAXIMUM
Transverse Contraction Joint Spacing	Number of Tie Bars
6.5' to 10'	2
10.5' to 14'	3
14.5' to 18'	4
18.5' to 22'	5

TIE BAR SPACING 30"	MAXIMUM
Transverse Contraction Joint Spacing	Number of Tie Bars
5' to 7'	2
7.5' to 9.5'	3
10' to 12'	4
12.5' to 14.5'	5
15' to 17'	6
17.5' to 19.5'	7
20' to 22'	8

The tie bars will be placed a minimum of 15 inches from transverse contraction joints.

The required number of tie bars as shown in the table will be uniformly spaced within each panel. The uniformly spaced tie bars will be spaced a maximum of 48 inches center to center for a female keyway and will be spaced a maximum of 30 inches center to center for a vertical face and male keyway. The maximum tie bar spacing will apply to tie bars within each panel.

The keyway illustrated in the above details depict a female keyway.

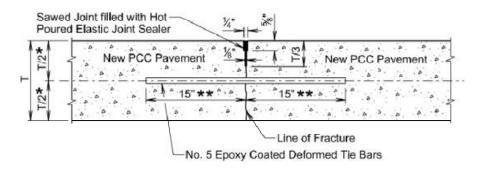
The keyway is optional and is not required. When concrete pavement is formed and a keyway is provided, a metal recess strip will be used. When concrete pavement is slip formed, a metal recess strip is not required.

- *The vertical placement tolerance for any part of the tie bar will be ± T/6.
- **The transverse placement (side shift) tolerance will be ± 3 inches when measured perpendicular to the longitudinal joint line.

• .			HOTOMOOF 134 EOLL
	S D D	PCC PAVEMENT LONGITUDINAL	PLATE NUMBER 380.20
Published Date: 2024	9	JOINTS WITH TIE BARS	Sheet I of 2

SAWED LONGITUDINAL JOINT WITH TIE BARS

(Poured Monolithically)



T = Pavement Thickness

GENERAL NOTES (For the detail above):

The epoxy coated deformed tie bars will be spaced in accordance with the following table:

TIE BAR SPACING 48" MAXIMUN						
Transverse Contraction Joint Spacing	Number of Tie Bars					
6.5' to 10'	2					
10.5' to 14'	3					
14.5' to 18'	4					
18.5' to 22'	5					

The tie bars will be placed a minimum of 15 inches from the transverse contraction joints.

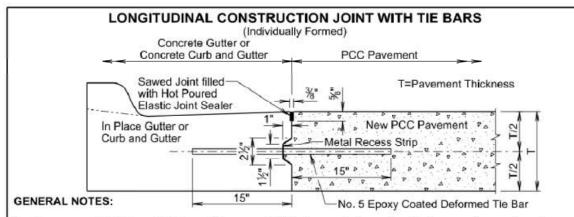
The required number of tie bars as shown in the table will be uniformly spaced within each panel with a maximum space of 48 inches center to center. The maximum tie bar spacing will apply to tie bars within each panel.

The first saw cut to control cracking will be a minimum of 1/3 the thickness of the pavement. Additional sawing for widening the saw cut to provide the width for the installation of the hot poured elastic joint sealer is necessary.

- * The vertical placement tolerance for any part of the tie bar will be ± T/6.
- **The transverse placement (side shift) tolerance will be ± 3 inches when measured perpendicular to the longitudinal joint line.

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	SDD	PCC PAVEMENT LONGITUDINAL	PLATE NUMBER 380.20
Published Date: 2024	O	JOINTS WITH TIE BARS	Sheet 2 of 2



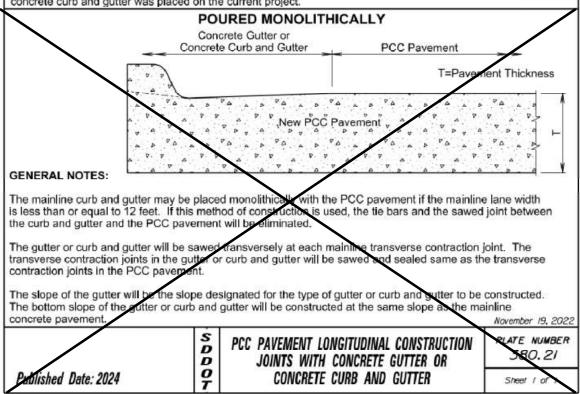
No. 5 epoxy coated deformed tie bars will be spaced 48 inches center to center. The keyway shown above is a female keyway.

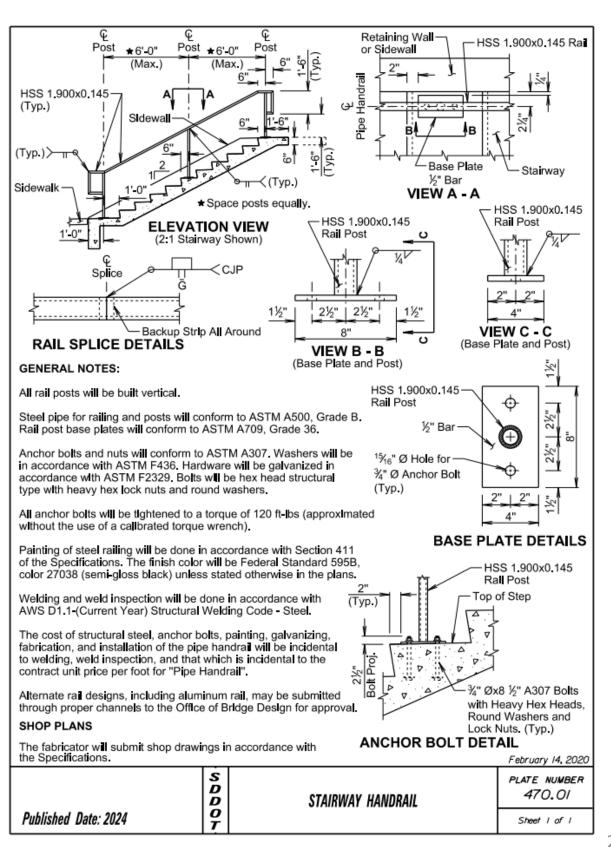
The tie bars will be placed a minimum of 15 inches from existing transverse contraction joints.

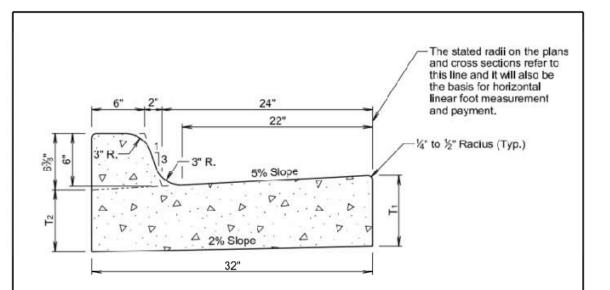
The keyway is optional and is not required. When concrete pavement is formed and a keyway is provided, a metal recess strip will be used. When concrete pavement is slip formed, a metal recess strip is not required.

The transverse contraction joints in the concrete gutter or concrete curb and gutter will be placed at each mainline PCC pavement transverse contraction joint. The transverse contraction joints in the concrete gutter or the concrete curb and gutter will be 1½ inches deep if formed in fresh concrete using a suitable grooving tool. If a saw is used to cut the transverse contraction joints, then the depth of the joint will be at least ¼ the thickness of the concrete gutter or concrete curb and gutter.

The term "In Place Gutter or Curb and Gutter" in the above drawing indicates that the in place concrete gutter and concrete curb and gutter was placed on the current project.







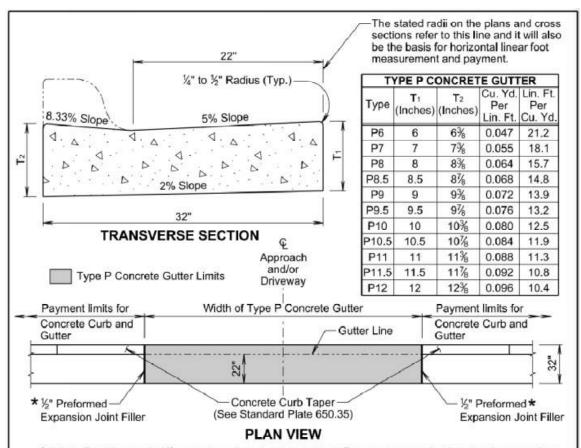
TYPE B	CONCRE	TE CURE	AND G	UTTER
Туре	T ₁ (Inches)	T ₂ (Inches)	Per	Lin. Ft. Per Cu. Yd.
B66	6	5½ ₆	0.057	17.7
B67	7	61/16	0.065	15.4
B68	8	71/16	0.073	13.7
B68.5	8.5	7%	0.077	13.0
B69	9	81/16	0.081	12.3
B69.5	9.5	8% ₆	0.085	11.7
B610	10	91/16	0.090	11.2
B610.5	10.5	9%6	0.094	10.7
B611	11	101/16	0.098	10.2
B611.5	11.5	10%	0.102	9.8
B612	12	11%	0.106	9.4

When concrete curb and gutter longitudinally adjoins new concrete pavement, the method of attachment will be by one of the methods shown on standard plate 380.21.

See standard plate 650.90 for expansion and contraction joints in the curb and gutter.

January 22, 2023

	SDD	TYPE B CONCRETE CURB AND GUTTER	PLATE NUMBER 650.01
Published Date: 2024	0	Court and the court is the	Sheet I of I



* Joint will not be needed if concrete curb and gutter and type P concrete gutter is placed at the same time. If the ½" preformed expansion joint filler is provided, then the joint will be sealed in accordance with standard plate 650.90.

GENERAL NOTES:

The concrete for the type P concrete gutter will comply with the requirements of the specifications for class M6 concrete.

When concrete gutter longitudinally adjoins new concrete pavement, the method of attachment will be by one of the methods shown on standard plate 380.21.

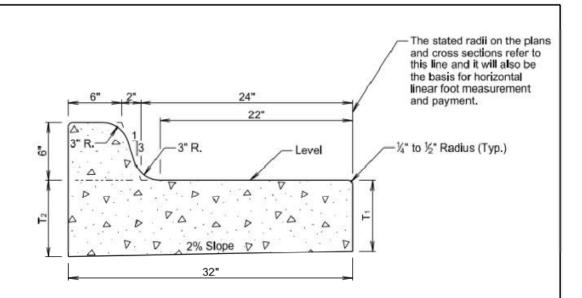
Transverse contraction joints will be constructed at 10-foot intervals in the concrete gutter except when concrete gutter is constructed adjacent to mainline PCC pavement. When concrete gutter is constructed adjacent to mainline PCC pavement, a transverse contraction joint will be constructed in the concrete gutter at each mainline PCC pavement transverse contraction joint location.

When concrete gutter is placed monolithically with mainline PCC pavement, the transverse contraction joints in the concrete gutter will be sawed and sealed the same as the transverse contraction joints in the mainline PCC pavement.

When concrete gutter is not placed monolithically with the mainline PCC pavement and when the adjacent mainline surfacing is not PCC concrete, the transverse contraction joints in the concrete gutter will be 1½ inches deep if formed in the fresh concrete using a suitable grooving tool. If a saw is used to cut the contraction joints, then the depth of the joint will be at least ¼ the thickness of the concrete.

January 22, 2023

	S D D	TYPE P CONCRETE GUTTER	PLATE NUMBER 650.30
Published Date: 2024	9		Sheet I of I



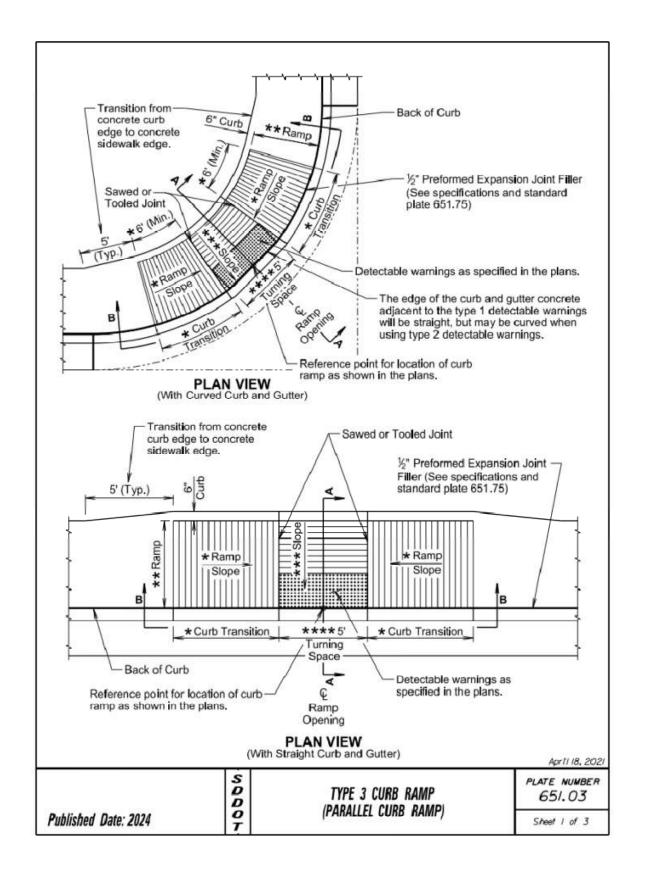
TYPE BL	CONCR	ETE CUR	B AND	SUTTER
Туре	T ₁ (Inches)	T ₂ (Inches)	Cu. Yd. Per Lin. Ft.	Lin. Ft. Per Cu. Yd.
BL66	6	6%	0.063	15.9
BL67	7	7%	0.071	14.1
BL68	8	8%	0.080	12.5
BL68.5	8.5	9%	0.084	11.9
BL69	9	9%	0.088	11.4
BL69.5	9.5	10%	0.092	10.9
BL610	10	10%	0.096	10.4
BL610.5	10.5	11%	0.100	10.0
BL611	11	11%	0.104	9.6
BL611.5	11.5	12%	0.108	9.3
BL612	12	12%	0.112	8.9

When concrete curb and gutter longitudinally adjoins new concrete pavement, the method of attachment will be by one of the methods shown on standard plate 380.21.

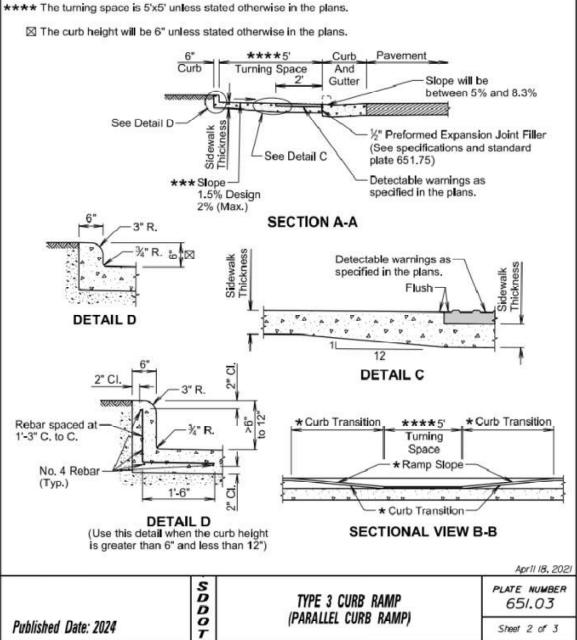
See standard plate 650.90 for expansion and contraction joints in the curb and gutter.

January 22, 2023

	SDD	TYPE BL CONCRETE CURB AND GUTTER	PLATE NUMBER 650.05
Published Date: 2024	O		Sheet I of I



- * The curb transition slope will match the curb ramp slope. Curb ramp slopes are designed at 7.5% unless stated otherwise in the plans. The curb ramp may have a maximum slope of 8.3% at any location of the curb ramp and will not exceed 15' in length unless stated otherwise in the plans. The curb transitions and curb ramp lengths will be adjusted as necessary to meet all slope and length requirements based on field geometrics.
- ** The cross slope of the ramp will not be steeper than 2% and the ramp width is 5' unless stated otherwise in the plans. Plans are designed using a 1.5% cross slope for the ramp unless stated otherwise in the plans.
- *** The slope in the turning space will not be steeper than 2% in any direction of pedestrian travel. Plans are designed using a 1.5% slope unless stated otherwise in the plans.



For illustrative purpose only, type 1 detectable warnings are shown in the drawings.

For illustrative purpose only, a PCC fillet section is shown in one of the drawings. The curb ramp depicted on this standard plate may be used with a PCC fillet section or with curb and gutter.

The curb ramp will be placed at the location stated in the plans.

Sidewalk adjacent to the curb ramp will be as shown in the plans.

Care will be taken to ensure a uniform grade on the curb ramp, free of sags and short grade changes.

Surface texture of the curb ramp will be obtained by coarse brooming transverse to the slope of the curb ramp.

The normal gutter line profile will be maintained through the area of the ramp opening.

Joints will be sawed or tooled into the concrete adjacent to the detectable warnings to alleviate possible corner cracking (see plan view for joint location).

Care will be taken to ensure that the surface of the detectable warnings are clean and maintains a uniform color.

The detectable warnings will be cut as necessary to fit the plan specified limits of the detectable warnings. Cost for cutting the detectable warnings will be incidental to the corresponding detectable warning contract item.

When curb height is greater than 6" and less than 12", reinforcing steel is required in accordance with the detail on sheet 2 of 3. The reinforcing steel will conform to ASTM A615, Grade 60. Cost for furnishing and installing the reinforcing steel will be incidental to the contract unit price per square foot for the corresponding concrete sidewalk contract item.

There will be no separate payment for curb ramps. The curb ramp will be measured and paid for at the contract unit price per square foot for the corresponding concrete sidewalk contract item. The square foot area of the detectable warnings and the curb along the short radius will be included in the measured and paid for quantity of sidewalk.

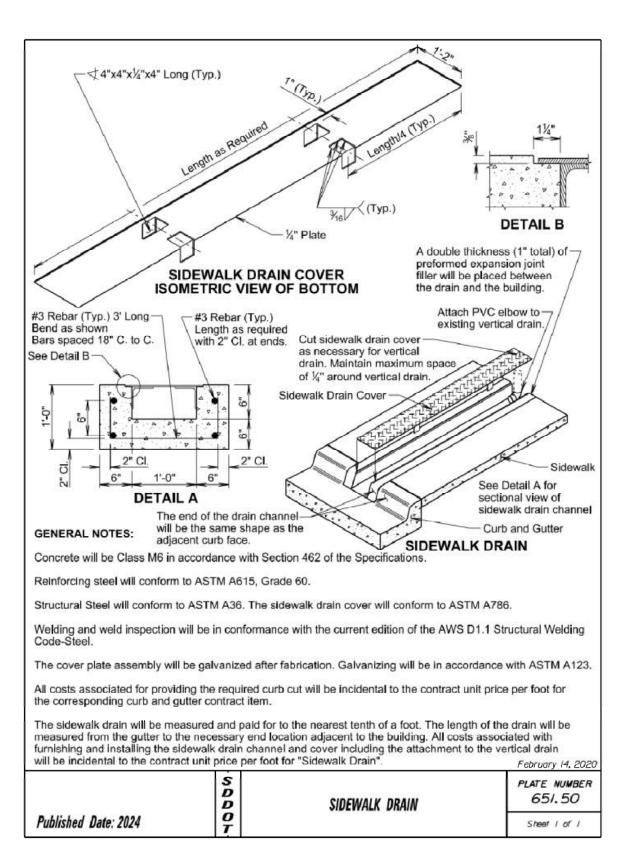
The curb transitions and ramp opening will be measured and paid for at the contract unit price per foot for the corresponding curb and gutter contract item when curb and gutter is used. The curb transitions and ramp opening will be measured and paid for at the contract unit price per square yard for the corresponding PCC fillet section contract item when a PCC fillet section is used.

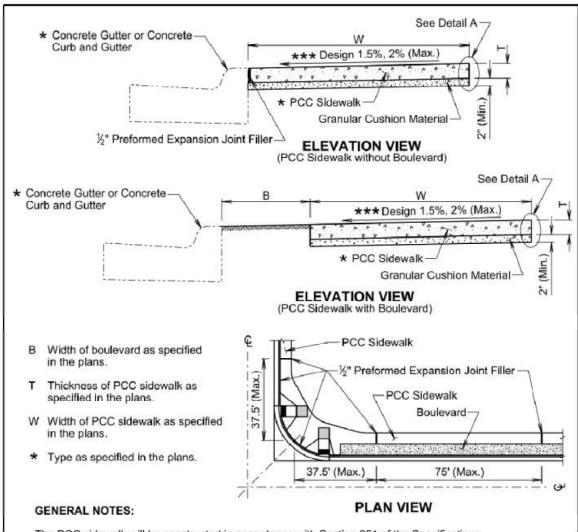
The type 1 detectable warnings will be measured to the nearest square foot. All costs for furnishing and installing the type 1 detectable warnings including labor, equipment, materials, and incidentals will be paid for at the contract unit price per square foot for "Type 1 Detectable Warnings".

The type 2 detectable warnings will be measured to the nearest square foot. All costs for furnishing and installing the type 2 detectable warnings including labor, equipment, and materials, including adhesive, necessary sealant or grout, and necessary grinding will be paid for at the contract unit price per square foot for "Type 2 Detectable Warnings".

April 18, 2021

	SDD	TYPE 3 CURB RAMP (PARALLEL CURB RAMP)	PLATE NUMBER 651.03
Published Date: 2024	O		Sheet 3 of 3





The PCC sidewalk will be constructed in accordance with Section 651 of the Specifications.

*** The cross slope of the sidewalk is designed at 1.5% and the maximum slope allowed is 2% unless specified otherwise in the plans.

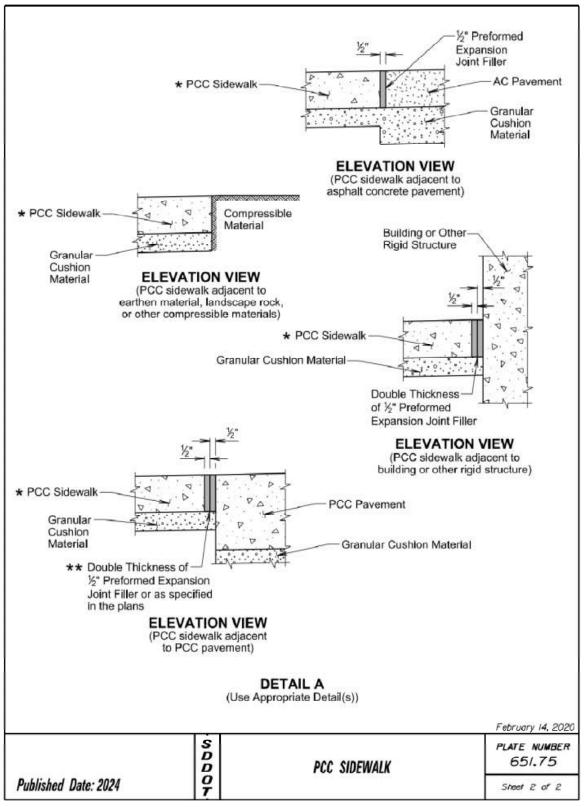
The maximum length between expansion joints in the PCC sidewalk is 75 feet.

PCC sidewalk placed adjacent to intersection of roadways will have an expansion joint placed transversely a maximum of 37.5 feet from the intersection. See Plan View.

An expansion joint in the PCC sidewalk will consist of a ½-inch thick preformed expansion joint filler material placed full depth and width of the PCC sidewalk.

** Large areas of PCC pavement adjacent to the PCC sidewalk may require a different joint treatment than shown in the detail. If a different joint detail is necessary, plans will contain the joint detail and the Contractor will construct the joint treatment in accordance with the plans.

		-144.	February 14, 2020
	S D D	PCC SIDEWALK	PLATE NUMBER 651.75
Published Date: 2024	0	United Parishing	Sheet I of 2

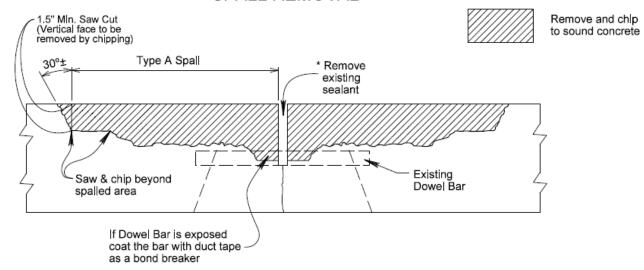


STATE OF PROJECT SHEET TOTAL NO. SHEETS
DAKOTA

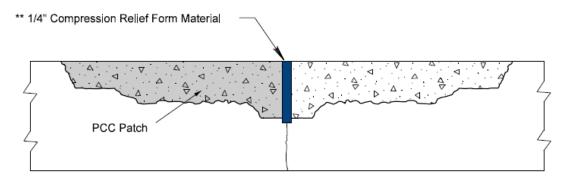
Plotting Date: 09/19/2019

REPAIR OF TYPE A SPALLS

SPALL REMOVAL



SPALL PATCH



** Compression Relief Form Material shall be removed by sawing or other means approved by the Engineer. Spall repaired joints shall then be sealed with Hot Poured Elastic Joint Sealer.

REPAIR OF TYPE A SPALLS

SPALL PATCHES (PLAN VIEW)

