

CITY OF KING CITY 2022 STREET IMPROVEMENTS SW CARMEL ST, SW CAMINO DR, SW MONTEREY LN, AND SW QUEEN ANNE AVE

PROJECT SITE

SW BULL MOUNTAIN

TIGARD

TOWN

TUALATIN

TUALATIN

TUALATIN

SCALE: 1"=1,500'

JULY 2022

INDEX OF DRAWINGS

<u>GENERA</u>

1 G-1 TITLE SHEE

2 G-2 GENERAL NOTES, ABBREVIATIONS, AND LEGEND

<u>CIVIL</u>

C-1 SW CARMEL ST PAVING PLAN SCHEDULE A

4 C-2 SW CAMINO DR PAVING PLAN SCHEDULE B

5 C-3 SW MONTEREY LN PAVING PLAN SCHEDULE C

C-4 SW QUEEN ANNE AVE PAVING PLAN SCHEDULE D

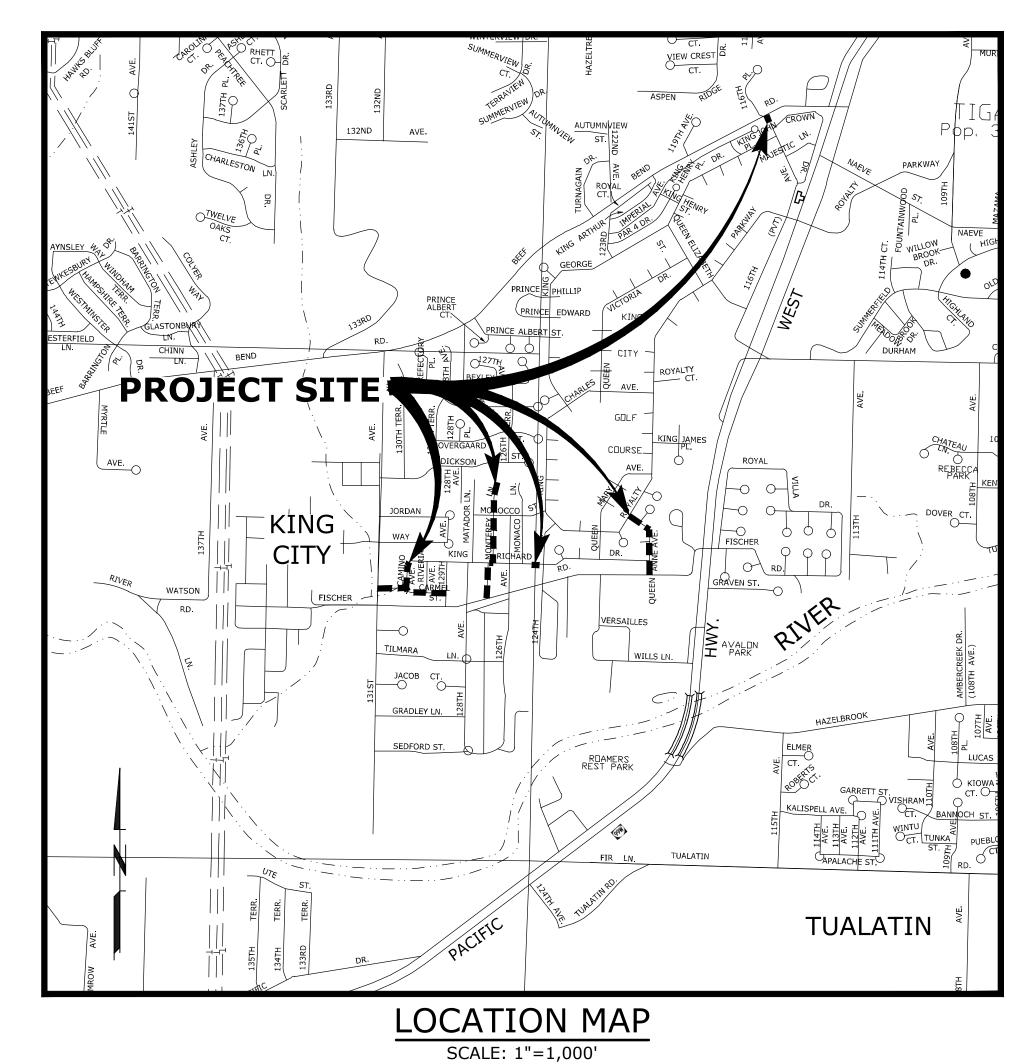
C-5 RAMP DETAILS - 1

8 C-6 RAMP DETAILS - 2

C-7 RAMP DETAILS - 3

10 C-8 PAVING DETAILS





2. ALL MANHOLE COVERS, VALVE BOX COVERS, AND OTHER METAL OR PLASTIC CASTINGS SHALL BE REMOVED PRIOR TO COLD PLANE PAVEMENT REMOVAL, AND THE UNDERLYING UTILITY ACCESS PROTECTED. THE CONTRACTOR SHALL REINSTALL ALL CASTINGS AFTER CONSTRUCTION OF THE AC PAVEMENT AND ADJUST ALL CASTINGS TO MATCH FINISH GRADE.

3. PROVIDE MINOR ADJUSTMENTS IN GRADE OF NEW AC AS REQUIRED TO FACILITATE DRAINAGE INTO CATCH BASINS. NO PONDING SHALL OCCUR BETWEEN CATCH BASINS FOLLOWING CONSTRUCTION.

4. THE MAXIMUM EXPOSURE AT DRIVEWAYS SHALL BE 3/4".

5. REPLACE CURBS, SIDEWALKS, AND/OR DRIVEWAY APRONS THAT ARE DAMAGED AS A RESULT OF THE CONSTRUCTION OPERATIONS. REPLACE FULL SECTIONS TO THE NEAREST CONSTRUCTION JOINTS. ALL EXISTING FEATURES INCLUDING, BUT NOT LIMITED TO PLANTERS, LANDSCAPING, STRUCTURES, LOTS, SWALES, DITCHES, FENCES, WALLS, MAILBOXES, SIGNS, GUY WIRES, PIPING AND UTILITIES DISTURBED DURING CONSTRUCTION ARE TO BE RESTORED TO EXISTING CONDITION UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL REPAIR ALL UTILITY SERVICES DAMAGED DURING CONSTRUCTION AND SUCH REPAIR SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

6. INSTALL BLUE PAVEMENT MARKERS AT ROAD CENTERLINE PERPENDICULAR TO EXISTING FIRE HYDRANTS LOCATED WITHIN THE WORK AREA.

7. NOTIFY RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY WORK THAT WILL PROHIBIT LOCAL ACCESS TO RESIDENCES SO THAT VEHICLES CAN BE REMOVED FROM THE PROJECT AREA.

8. MAINTAIN ACCESS TO EXISTING RESIDENCES. TEMPORARY AC DRIVEWAY ACCESS RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS IN THE PROJECT AREA IF MORE THAN 24 HOURS BETWEEN COLD PLANE PAVEMENT REMOVAL AND PAVEMENT CONSTRUCTION. TEMPORARY RAMPS SHALL BE REMOVED PRIOR TO APPLICATION OF TACK COAT AND CONSTRUCTION OF AC PAVEMENT.

9. CONTRACTOR SHALL MAINTAIN LOCAL ACCESS IN THE PROJECT AREA AT ALL TIMES. THROUGH TRAFFIC MAY BE DETOURED AROUND THE PROJECT AREA.

10. ANY STAKING REQUIRED FOR THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.

11. LOCATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION SUPPLIED BY THE UTILITIES AND CONSIDERED APPROXIMATE ONLY. AS REQUIRED BY STATE LAW, OBTAIN UTILITY LOCATES PRIOR TO COMMENCING CONSTRUCTION, CONTACT UTILITIES PRIOR TO CONSTRUCTION AND COMPLY WITH PROVISIONS OF ORS 757.541 TO 757.571.

12. LOCATION SHOWN FOR EXISTING PAVEMENT MARKINGS IS APPROXIMATE. CONTRACTOR SHALL REPLACE EXISTING PAVEMENT MARKINGS WITH SAME SIZE, STYLE AND LOCATION, UNLESS OTHERWISE SPECIFIED.

13. PROVIDE "AS CONSTRUCTED" DRAWINGS ILLUSTRATING ANY AND ALL CONSTRUCTED VARIATIONS TO THESE PLANS.

14. UTILITIES, OR PORTIONS OF UTILITIES, THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES WITH GROUT.

15. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTION OF ALL WORK, ADJACENT PROPERTIES AND DOWNSTREAM FACILITIES FROM EROSION AND SILTATION DURING THE COURSE OF THE WORK. ANY DAMAGE RESULTING FROM SUCH EROSION AND SILTATION SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR.

16. EXISTING AC THICKNESS FOR THE PROJECT IS UNKNOWN. AC PREVIOUSLY EXPOSED IN THE VICINITY OF THIS PROJECT HAS RANGED BETWEEN 2-INCHES TO 8-INCHES THICK.

17. PERFORM DEWATERING AND CONTINUOUS PUMPING AS NEEDED TO AVOID STANDING WATER IN CONSTRUCTION AREA. REMOVE SEDIMENT FROM WATER THROUGH APPROVED CLEAN WATER SERVICES METHODS BEFORE PUMPING INTO EXISTING CATCH BASINS.

18. INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROL DURING CONSTRUCTION (ANY TIME OF YEAR) PER WASHINGTON COUNTY, CLEAN WATER SERVICES, AND DEQ REQUIREMENTS.

19. SOME CASTINGS MAY NOT BE SHOWN ON THE PLANS. CONTRACTOR TO FIELD VERIFY PRIOR TO BIDDING.

20. PROVIDE DUST CONTROL AS REQUIRED. SEE SPECIFICATION SECTION 01100.

21. LOCATION AND DIMENSIONS OF ALL PAVEMENT MARKINGS AND SYMBOLS SHALL COMPLY WITH THE MOST RECENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

ABBREVIATIONS

AC ASPHALTIC CONCRETE
AGG BASE AGGREGATE BASE
APPROX APPROXIMATE

APWA AMERICAN PUBLIC WORKS ASSOCIATION
AASHTO AMERICAN ASSOCIATION OF STATE HIGHWAY

& TRANSPORTATION OFFICIALS

BFILL BACKFILL

CB CATCH BASIN

C/L CENTER LINE

CL CLASS

CO CLEANOUT

CONC CONCRETE

CR CRUSHED ROCK

CWS CLEAN WATER SERVICES

D DRAIN
DET DETAIL
DI DUCTILE IRON
DIA DIAMETER
DWG DRAWING
DWY DRIVEWAY

EOP EDGE OF PAVEMENT EQ EQUAL

EXIST EXISTING

HDPE HIGH DENSITY POLYETHYLENE

INVERT ELEVATION

MAT MATERIAL
MAX MAXIMUM
MH MANHOLE
MIN MINIMUM

NTS NOT TO SCALE

OT OREGON DEPARTMENT OF TRANSPORTATION

K PK NAIL

PVC POLYVINYL CHLORIDE

PVMT PAVEMENT

REQ'D REQUIRED R/W RIGHT-OF-WAY

SCHED SCHEDULE
SD STORM DRAIN
SHT SHEET
SLP SLOPE
STD STANDARD
S/W SIDEWALK

THK THICK / THICKNESS THRD THREAD (ED)

THRU THROUGH '

TEST PIT / TOP OF PAVEMENT /

TURNING POINT
TRANS TRANSITION

TSP TRI-SODIUM PHOSPHATE

TST TOP OF STEEL TW TOP OF WALL

TYP TYPICAL

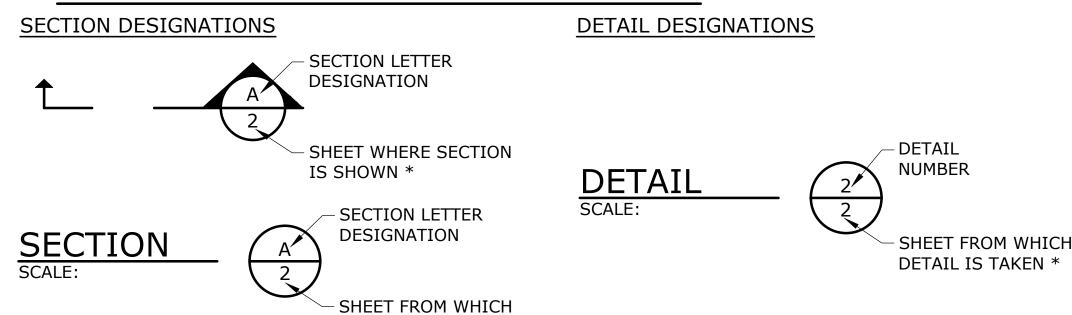
VERT VERTICAL

W/ WITH
WV WATER VALVE

TOPOGRAPHIC LEGEND

<u> </u>	EXISTING	PROPOSED
WATERLINE	$10"\mathrm{W}$	——— 12"DI W ———
ELECTRICITY		———E———
GAS	4"G	4"G
TELEPHONE/TELEMETRY		——
CABLE TELEVISION	CATV	CATV
SANITARY SEWER LINE	8"SS'	8"SS
STORM DRAIN	8"SD	8"SD
TEMPORARY CONSTRUCTION EASEMENT		
CENTERLINE		
EASEMENT/PROPERTY LINE		
RIGHT-OF-WAY		
EDGE OF PAVEMENT/AC		
CURB		
SIDEWALK	S/W	4 4 · · · 4 · · · · · · · · · · ·
DETECTABLE WARNING STRIP		
CONTOUR MINOR		
CONTOUR MAJOR	200—	200
MANHOLE		
CLEAN-OUT	0	0
CATCH BASIN/FIELD INLET		
VALVE	\otimes	•
FIRE HYDRANT ASSEMBLY	Ω	
WATER METER	\blacksquare	5
	1	
MAILBOX		
MAILBOX	<u> </u>	
	□ 	

SECTION AND DETAIL DESIGNATIONS



* NOTE: IF PLAN AND SECTION FOR DETAIL CALL-OUT AND DETAIL ARE SHOWN ON THE SAME DRAWING, DRAWING NUMBER IS REPLACED WITH A DASH.

SECTION IS TAKEN *

NOTICE

0 ½ 1

IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE



NMH DESIGNED

MBE

DRAWN

FB

CHECKED





2022 STREET
IMPROVEMENTS
SW CARMEL ST, SW CAMINO DR,
SW MONTEREY LN, AND

SW QUEEN ANNE AVE

GENERAL NOTES, ABBREVIATIONS, AND LEGEND

G-2

SHEET

PROJECT NO.: 92-0251.231 SCALE: AS SHOWN DATE: JUNE 2022

NOTES:

- 1. PAVING LIMITS SHOWN ARE APPROXIMATE, AND SHALL BE VERIFIED WITH ENGINEER 48 HOURS PRIOR TO CONSTRUCTION. PAVING LIMITS MAY BE ADJUSTED MINIMUM 1 FOOT BEYOND EXISTING PAVEMENT JOINTS WHERE PREVIOUS RESURFACING WORK WAS CONDUCTED. SEE DETAILS 1 & 2 ON SHEET C-8 FOR TYPICAL GRIND & INLAY SECTIONS.
- 2. THE CONTRACTOR SHALL ENSURE FINAL AC SURFACE IS GRADED TO DRAIN TO EXISTING CATCH BASINS AND OTHER EXISTING SURFACE DRAINAGE STRUCTURES. THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKING AS NECESSARY TO ENSURE POSITIVE DRAINAGE. ANY AREAS FOUND WITHOUT POSITIVE DRAINAGE (PONDING, STANDING WATER, ETC.) DURING THE FIRST YEAR FOLLOWING CONSTRUCTION SHALL BE CORRECTED SOLELY AT THE CONTRACTOR'S EXPENSE.
- 3. PAVEMENT REMOVAL & RESTORATION FOR NEW CURB/SIDEWALK CONSTRUCTION SHALL BE 2' FROM CURB FACE UNLESS OTHERWISE APPROVED BY ENGINEER IN THE FIELD. REPLACE FULL DEPTH OF EXISTING PAVEMENT IN 3" THICK MAXIMUM LIFTS, 6" MINIMUM, INCLUDING 12" THICK COMPACTED AGGREGATE BASE.
- 4. THE CONCRETE SIDEWALKS, CURBS, AND CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH OREGON STANDARD DRAWINGS. SIDEWALK WIDTHS ARE 4' WIDE. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED TO COMPLY WITH ALL PROVISIONS OF THE LATEST VERSION OF THE AMERICANS WITH DISABILITIES ACT (ADA). SEE SUPPLEMENTARY INFORMATION.
- 5. INSTALL INLET PROTECTION ON ALL EXISTING INLETS IMPACTED BY CONSTRUCTED ACTIVITIES PER CLEAN WATER SERVICES STANDARDS AND DETAILS, SEE SUPPLEMENTARY INFORMATION.

STRIPING LEGEND

- S STOP BAR THERMOPLASTIC TYPE B-HS (SEE ODOT STD DWG TM503)
- Y 4" YELLOW LINE (SEE ODOT STD DWG TM500)

SW CARMEL ST - PLAN

SCALE: 1"=30'

ı						
•					NOTICE	
					0 ½ 1	
					IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS	
٠	NO.	DATE	BY	REVISION	NOT TO SCALE	



NMH

DESIGNED

MBE

DRAWN

FB

CHECKED





CITY OF KING CITY

2022 STREET

IMPROVEMENTS

SW CARMEL ST, SW CAMINO DR,

SW MONTEREY LN, AND

SW QUEEN ANNE AVE

SW CARMEL ST PAVING PLAN SCHEDULE A

C-1

SHEET

PROJECT NO.: 92-0251.231 SCALE: AS SHOWN DATE:

JUNE 2022 3 of 10

| C-

SW CAMINO DR - PLAN

SCALE: 1"=30'



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STRIPING LEGEND

(<u>s</u>)

- STOP BAR - THERMOPLASTIC TYPE B-HS (SEE ODOT STD DWG TM503)

NOTICE

0 ½ 1

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NO. DATE BY REVISION

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CITY OF KING CITY

2022 STREET

IMPROVEMENTS

SW CARMEL ST, SW CAMINO DR,

SW MONTEREY LN, AND

SW QUEEN ANNE AVE

SW CAMINO DR PAVING PLAN SCHEDULE B

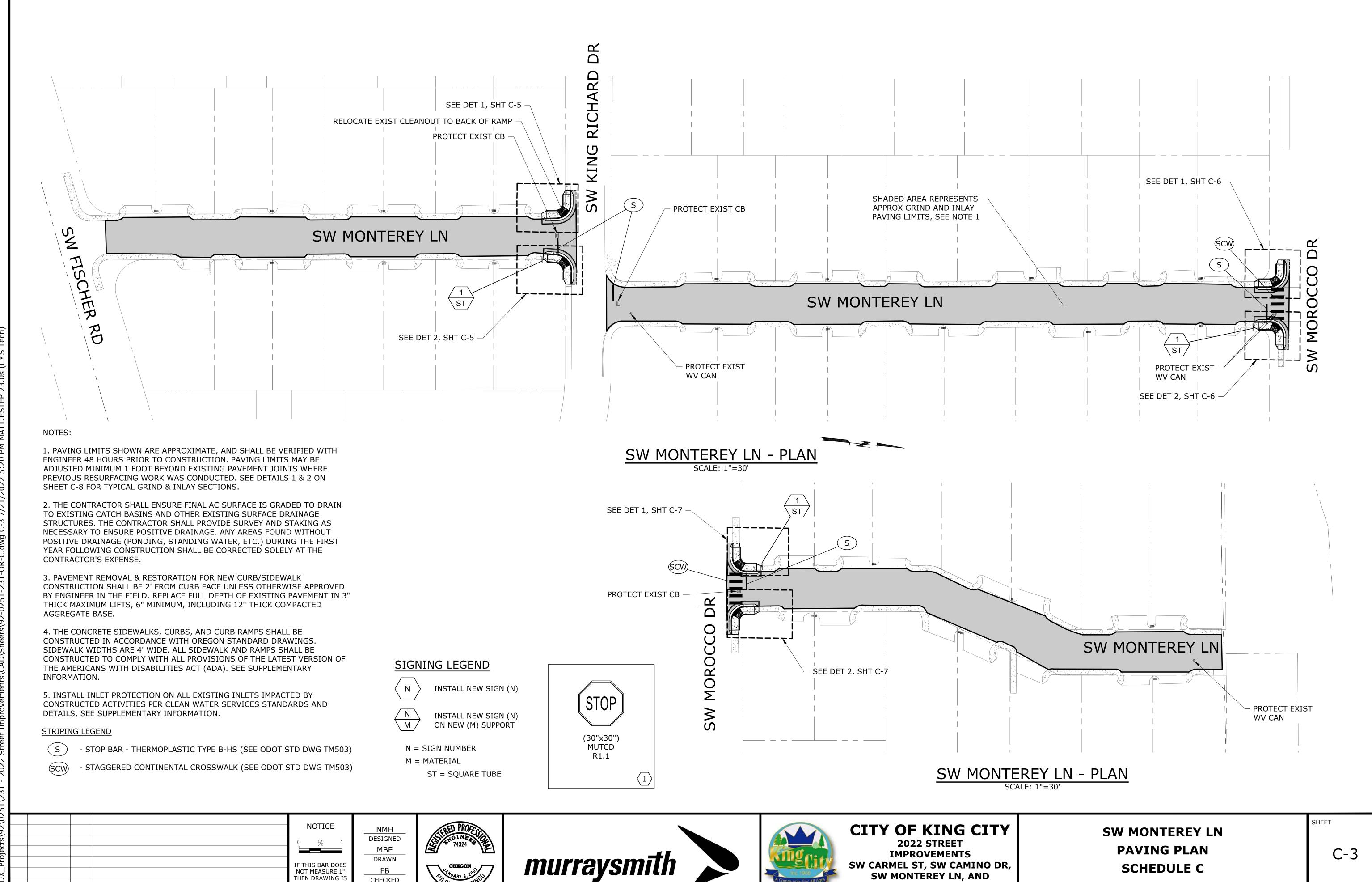
C-2

PROJECT NO.: 92-0251.231 SCALE: AS SHOWN DATE: JUNE 2022

4 of 10

SHEET

. 131 - 2022 Street Improvements\CAD\Sneets\92-0251-231-OK-C.dwg C-2 //21/2022 5:20 PM MATT.



SW QUEEN ANNE AVE

5 of 10

JUNE 2022

AS SHOWN DATE:

PROJECT NO.: 92-0251.231 | SCALE:

DATE BY

REVISION

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STRIPING LEGEND

Y - 4" YELLOW LINE (SEE ODOT STD DWG TM500)

- STOP BAR AND TEXT - THERMOPLASTIC TYPE B-HS (SEE ODOT STD DWG TM503)

(SCW) - STAGGERED CONTINENTAL CROSSWALK (SEE ODOT STD DWG TM503)

				NOTICE
				0 ½ 1
				IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE
NO	DATE	BV	DEVICION	



NMH DESIGNED

MBE

DRAWN

FB

CHECKED





CITY OF KING CITY

2022 STREET

IMPROVEMENTS

SW CARMEL ST, SW CAMINO DR,

SW MONTEREY LN, AND

SW QUEEN ANNE AVE

SW QUEEN ANNE AVE PAVING PLAN SCHEDULE D

C-4

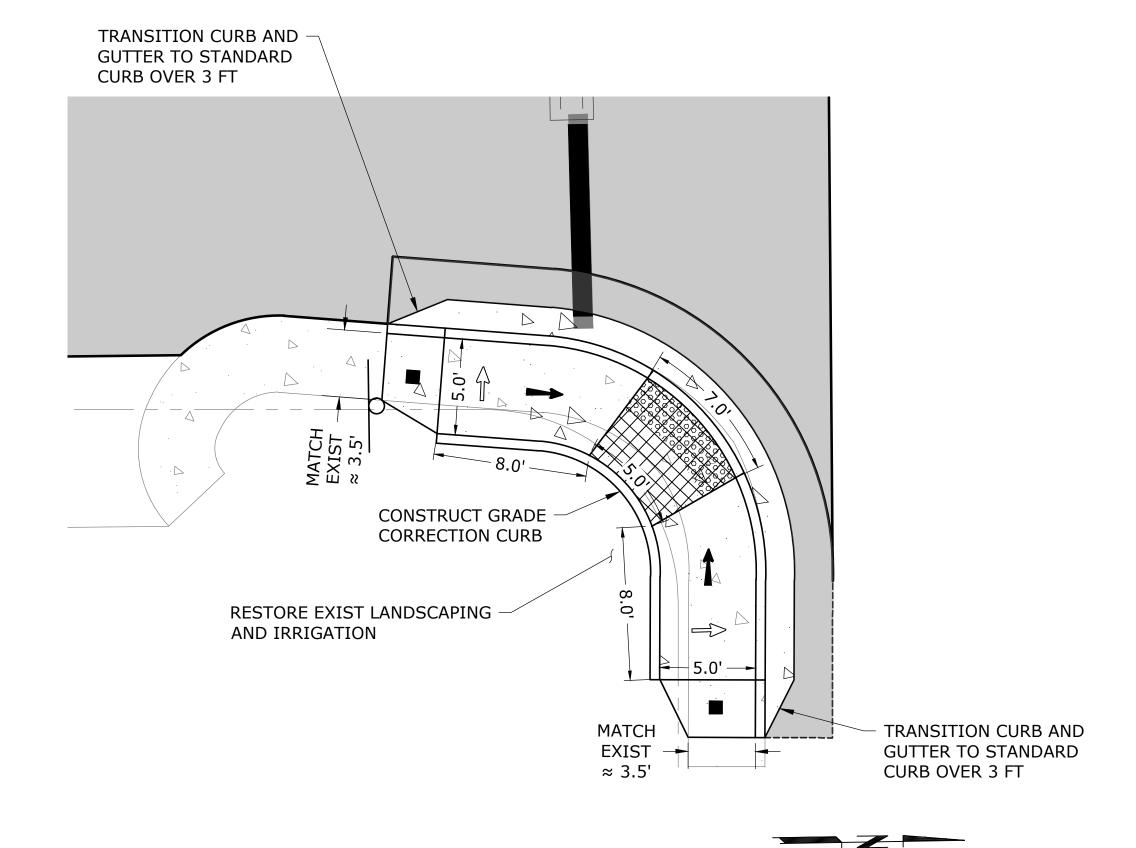
SHEET

PROJECT NO.: 92-0251.231 SCALE: AS SHOWN DATE: JUNE 2022

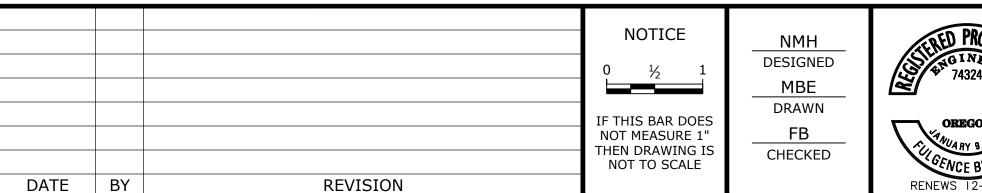
6 of 10

6

SIDEWALK DETAIL 1: SW KING RICHARD & SW MONTEREY LN SCALE: 1"=5'



SIDEWALK DETAIL 2: SW KING RICHARD & SW MONTEREY LN









CITY OF KING CITY 2022 STREET IMPROVEMENTS SW CARMEL ST, SW CAMINO DR, SW MONTEREY LN, AND **SW QUEEN ANNE AVE**

RAMP DETAILS - 1

C-5

PROJECT NO.: 92-0251.231 SCALE: AS SHOWN DATE: JUNE 2022

SW QUEEN MARY AVE

SIDEWALK DETAIL 3: 12300 SW KING RICHARD DR SIDEWALK DETAIL

REMOVE AND REPLACE EXIST 2.5'x4' SIDEWALK

PANEL AND CURB

INSTALL 4" PVC DRAIN.

DAYLIGHT THROUGH

CURB RAMP LEGEND

⇒ SLOPE 2% MAX

PRESERVE AND PROTECT

EXIST WATER METERS

► SLOPE 8.33% (1":12") MAX (RAMP LENGTH 15' MAX OR TO NEXT S/W JOINT IF <18")

TRUNCATED DOME DETECTABLE WARNING SURFACE

2% MAX SLOPE LANDING IN ALL DIRECTIONS

■ NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO MATCH EXIST

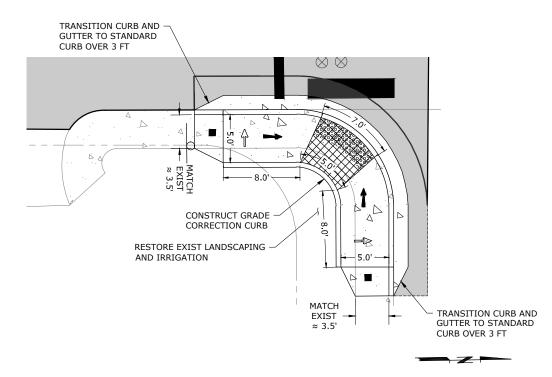
[__] SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

NOTES:

- 1. INSTALL CONCRETE SIDEWALK, STANDARD CURB AND GUTTER, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD920.
- 2. INSTALL STANDARD CURB AND GUTTER PER OREGON STANDARD DRAWING RD700.
- 3. THE GRADE CORRECTION CURB ALONG THE BACK OF RAMPS MAY BE ELIMINATED IF APPROVED BY THE ENGINEER.
- 4. CONSTRUCT ADA RAMPS WITH 5 FT MINIMUM SIDEWALK WIDTH. TAPER TRANSITION PANEL TO MATCH EXISTING SIDEWALK WIDTH. WORK INCLUDES CLEARING AND GRUBBING WORK AS REQUIRED FOR RAMP CONSTRUCTION.
- 5. EXTEND TRANSITION PANEL TO NEAREST SIDEWALK JOINT IF WITHIN 3 FT OR AS DIRECTED BY THE ENGINEER.
- 6. FIELD VERIFY RAMP LOCATION WITH ENGINEER AND ADJUST LOCATION AS NEEDED.

SHEET

$\underbrace{ \text{SIDEWALK DETAIL 1: SW MOROCCO DR \& SW MONTEREY LN}}_{\text{SCALE: } 1^{\text{"}}=5^{\text{"}}}$



SIDEWALK DETAIL 2: SW MOROCCO DR & SW MONTEREY LN

CURB RAMP LEGEND

⇒ SLOPE 2% MAX

SLOPE 8.33% (1":12") MAX (RAMP LENGTH 15' MAX OR TO NEXT S/W JOINT IF <18")

TRUNCATED DOME DETECTABLE WARNING SURFACE

2% MAX SLOPE LANDING IN ALL DIRECTIONS

■ NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO

SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

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F THIS BAR DOE NOT MEASURE 1 THEN DRAWING IS NOT TO SCALE

DESIGNED MBE DRAWN FB CHECKED







CITY OF KING CITY 2022 STREET **IMPROVEMENTS** SW CARMEL ST, SW CAMINO DR, **SW MONTEREY LN, AND** SW QUEEN ANNE AVE

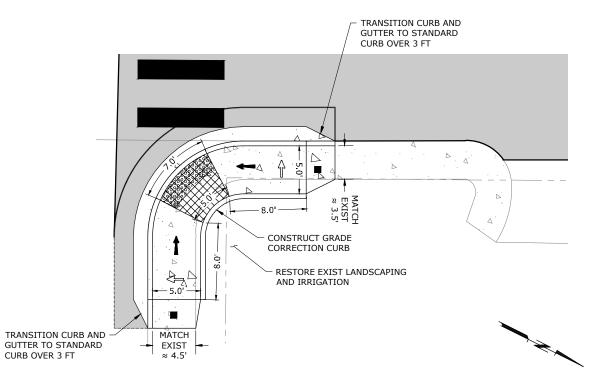
RAMP DETAILS - 2

C-6

ROJECT NO.: 92-0251.231 AS SHOWN DATE

SHEET

SIDEWALK DETAIL 1: SW MOROCCO DR & SW MONTEREY LN SCALE: 1"=5"



SIDEWALK DETAIL 2: SW MOROCCO DR & SW MONTEREY LN



⇒ SLOPE 2% MAX

RD

END

 $\overline{\mathbf{B}}$

BEEF

SW

 \Longrightarrow SLOPE 8.33% (1":12") MAX (RAMP LENGTH 15' MAX OR TO NEXT S/W JOINT IF <18")

TRUNCATED DOME DETECTABLE WARNING SURFACE

2% MAX SLOPE LANDING IN ALL DIRECTIONS

■ NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO

 $\underbrace{ \text{SW 116TH AVE - STRIPING}}_{\text{SCALE: 1"=20'}}$

SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

CROWN

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- 6. FIELD VERIFY RAMP LOCATION WITH ENGINEER AND ADJUST LOCATION AS NEEDED.

STRIPING LEGEND

- (ND) - NARROW DOUBLE NO-PASS TWO 4" YELLOW LINES (SEE ODOT STD DWG TM500)
- NARROW DOUBLE NO-PASS LEFT 4" YELLOW LINES ADJACENT TO SW CROWN CT (SEE ODOT STD DWG TM500)

51						
92\025					NOTICE	
Projects\					0 ½ 1	
- 11					IF THIS BAR DOES NOT MEASURE 1"	
:\PDX	NO	DATE	BV	DEVICION	THEN DRAWING IS NOT TO SCALE	

DESIGNED MBE DRAWN FB CHECKED







CITY OF KING CITY 2022 STREET **IMPROVEMENTS** SW CARMEL ST, SW CAMINO DR, SW MONTEREY LN, AND

SW QUEEN ANNE AVE

RAMP DETAILS - 3

 DR

CROWN

SW

(ND)

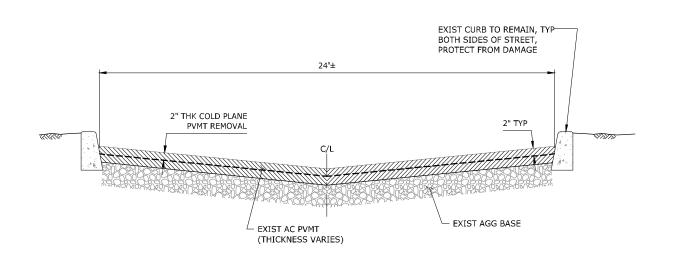
SW 116TH AVE $_{\odot}$

SW KING GEORGE DR

C-7

SHEET

ROJECT NO.: 92-0251.231 SCALE:

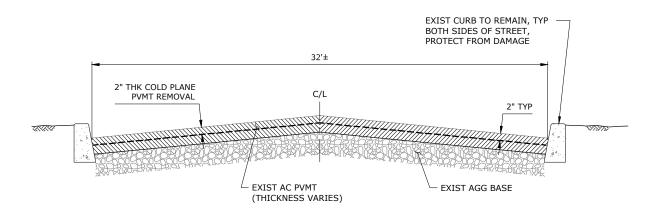


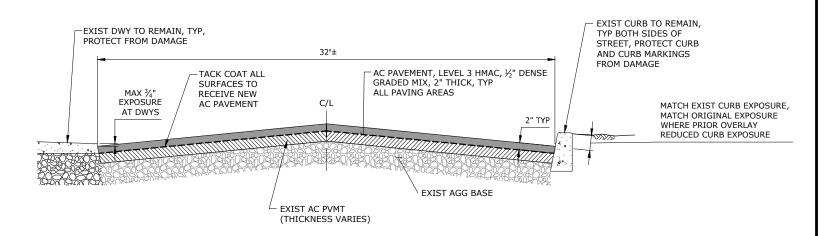
SW CARMEL ST, SW CAMINO DR, & SW MONTEREY LN

TYPICAL 2" GRÍND SECTION - RÉVERSE CROWN

- EXIST CURB TO REMAIN, TYP BOTH SIDES OF STREET, PROTECT CURB AND CURB MARKINGS FROM -EXIST AC DWY TO REMAIN, TYP, PROTECT FROM DAMAGE 24'± MATCH EXIST CURB EXPOSURE, MATCH ORIGINAL EXPOSURE - AC PAVEMENT, LEVEL 3 HMAC, ½" DENSE GRADED MIX, 2" THICK, TYP WHERE PRIOR OVERLAY TACK COAT ALL SURFACES TO RECEIVE NEW REDUCED CURB EXPOSURE ALL PAVING AREAS AC PAVEMENT EXIST AGG BASE EXIST AC PVMT (THICKNESS VARIES)

SW CARMEL ST, SW CAMINO DR, & SW MONTEREY LN TYPICAL 2" AC PAVEMENT INLAY - REVERSE CROWN
SCALE: NTS





SW QUEEN ANNE AVE TYPICAL 2" GRIND SECTION SW QUEEN ANNE AVE TYPICAL 2" AC PAVEMENT INLAY

				NOTICE
				0 ½ 1
				IF THIS BAR DOES NOT MEASURE 1"
NO.	DATE	BY	REVISION	THEN DRAWING IS NOT TO SCALE









CITY OF KING CITY 2022 STREET **IMPROVEMENTS** SW CARMEL ST, SW CAMINO DR, SW MONTEREY LN, AND SW QUEEN ANNE AVE

PAVING DETAILS

C-8

SHEET

ROJECT NO.: 92-0251.231 AS SHOWN DATE