

Appendix B

South Tacoma Plans - Preliminary

SOUND TRANSIT - SOUNDER TRAIN

CONCEPTUAL ENGINEERING PLANS

SOUTH TACOMA STATION IMPROVEMENTS

(PHASE 2)

JUNE 2023





Xrefs:
ST=TB22x34

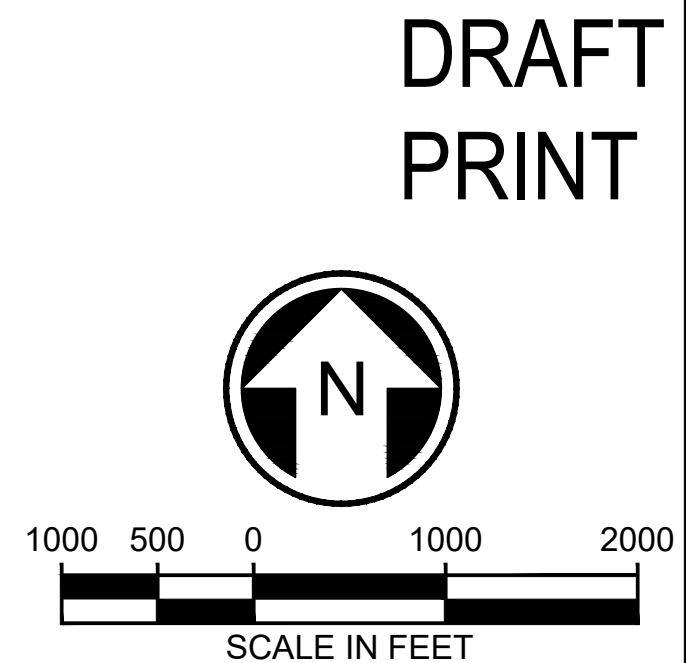
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4	G1-GXN001	CIVIL - PROJECT SHEET LAYOUT INDEX			
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CIVIL					
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52	CRP-101	CIVIL - 60TH STREET IMPROVEMENTS			
53	CRP-103	CIVIL - 56TH STREET IMPROVEMENTS			

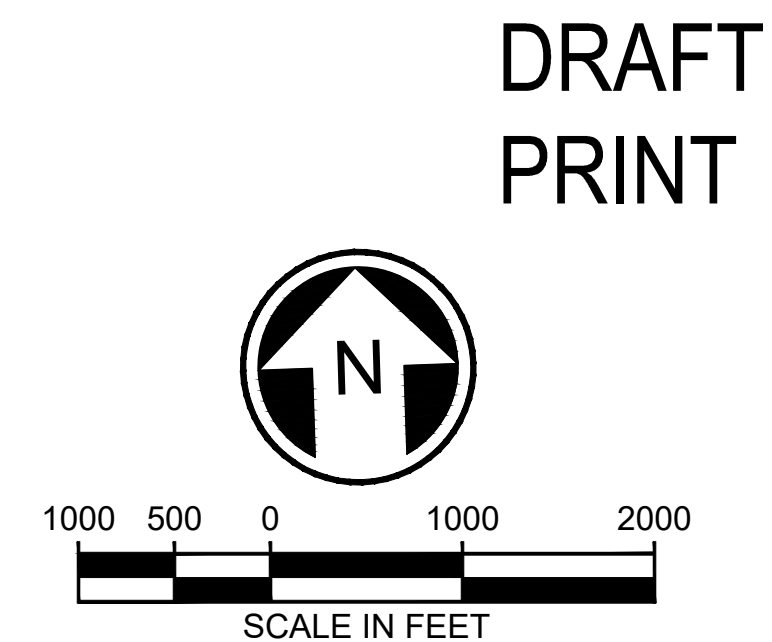
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					CONTRACT No.: RTA/LR D		SHEET No.: REV:		
	DATE: 06/15/2023	# ----							
	SUBMITTED BY: T. GONZALES	DATE: 6/15/2023	REVIEWED BY: K. YOUSSEF	DATE: H					

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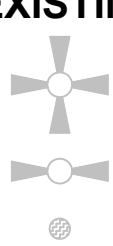











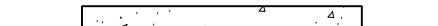






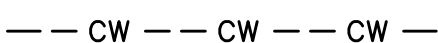
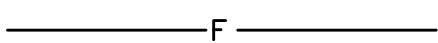
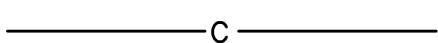
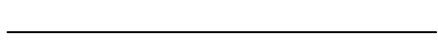




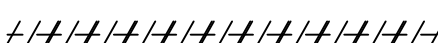
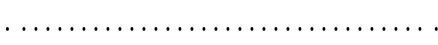



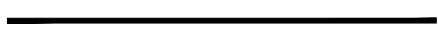












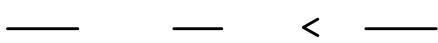









						AHJ: LIST AHJS				PACKAGE # ### DESCRIPTION			
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----	----	----	----	----	T. GONZALES	DATE:				REV:			
No.	DATE	DSN	CHK	APP	REVISION	SUBMITTED BY: E	DATE: F	REVIEWED BY: G	DATE: H	06/08/2023			






























































						AHJ: LIST AHJS					PACKAGE # ### DESCRIPTION		
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----	----	----	----	----	DRAWN BY:	FACILITY ID:							
----	----	----	----	----	B. WILLIAMS	X##							
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----	----	----	----	----	R. PARKER	REV:							
----	----	----	----	----	APPROVED BY:	SUBMITTED BY:	DATE:	REVIEWED BY:	DATE:				
No.	DATE	DSN	CHK	APP	REVISION	B. AGAN	T. GONZALES	6/12/2023	K. YOUSSEF	H	06/12/2023	#	----

Xrefs:
ST=TB22x34

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SECTION CORNER
		QUARTER SECTION CORNER
		MONUMENT FOUND AS NOTED
		CITY JURISDICTIONAL BOUNDARY
		RIGHT-OF-WAY
		WSDOT LIMITED ACCESS RIGHT-OF-WAY
		PARCEL LINE
		PERMANENT EASEMENT
		TEMPORARY CONSTRUCTION EASEMENT (TCE)
		CONCRETE
		HMA OVERLAY AND FULL DEPTH PAVING
		FILL RETAINING WALL (BACK OF SIDEWALK)
		FILL RETAINING WALL (UNDER SIDEWALK)
		CUT RETAINING WALL (BACK OF SIDEWALK)
		CUT RETAINING WALL (UNDER SIDEWALK)
		FILL LIMITS
		CUT LIMITS
		SAWCUT
		ADA RAMP DETECTABLE WARNING
		LANDSCAPING
		FILTER FABRIC FENCE
		HIGH VISIBILITY FENCE
		INLET PROTECTION
		CHECK DAM
		REMOVE EX. FEATURE
		CLEARING LIMITS
		REMOVE EXISTING CURB & GUTTER
		REMOVE EXISTING CURB
		REMOVE EXISTING HMA
		REMOVE EXISTING CONCRETE
		REMOVE EXISTING TREE
		MONITORING WELL
		SIGN
		DECIDUOUS TREE
		CONIFEROUS TREE
		BOLLARD
		STORM DRAIN PIPE
		DITCH
		CATCH BASIN TYPE 1 / CONCRETE INLET
		CATCH BASIN / MANHOLE TYPE 2
		UNDERDRAIN PIPE
		CLEANOUT
		YARD DRAIN
		RIP RAP
		FILTERRA UNIT

LEGEND (CONTINUED)

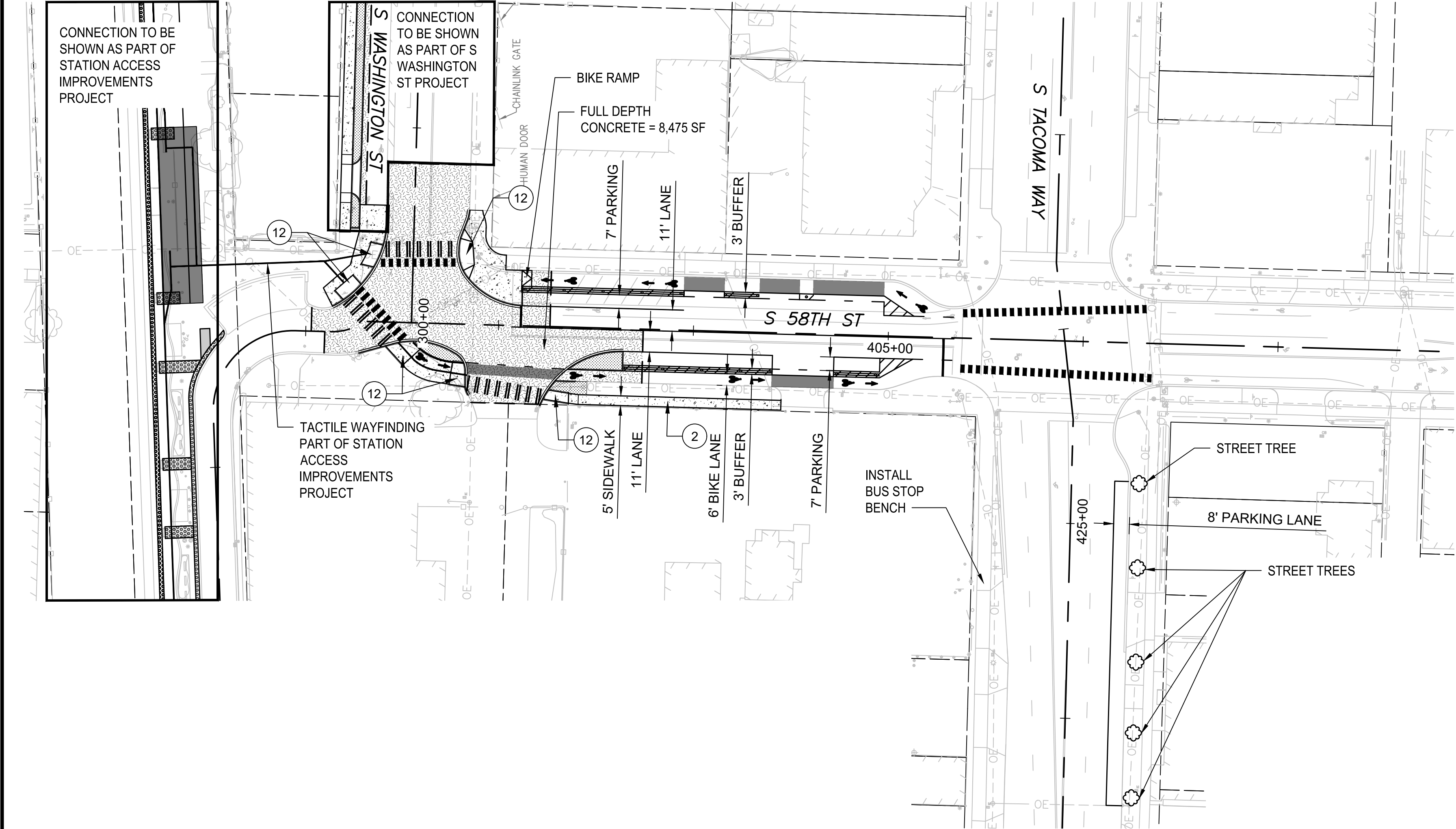
EXISTING	PROPOSED	DESCRIPTION
		SANITARY SEWER LINE
		SEWER CLEANOUT
		SANITARY SEWER MANHOLE
		WATER LINE
		WATER BLOWOFF VALVE
		POST INDICATOR VALVE
		WATER METER
		WATER VAULT
		WATER MANHOLE
		WATER VALVE
		FIRE HYDRANT
		TRAFFIC SIGNAL POLE
		TRAFFIC SIGNAL POLE AND LUMINAIRE
		EVP SENSOR
		VEHICLE SIGNAL HEAD
		VEHICLE SIGNAL WITH TURN ARROW
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH BUTTON POLE
		PEDESTRIAN PUSH BUTTON
		JUNCTION BOX (TYPE 1, TYPE 2, TYPE 8)
		CONDUIT
		ELECTRICAL SERVICE CABINET
		SIGNAL CONTROLLER CABINET
		UNINTERRUPTIBLE POWER SYSTEM
		MAST ARM MOUNTED SIGN
		TRAFFIC CAMERA
		POWER UNDERGROUND LINE
		POWER OVERHEAD LINE
		LUMINAIRE
		STREETLIGHT JUNCTION BOX
		HANDHOLE
		ELECTRICAL VAULT
		ELECTRICAL MANHOLE
		ELECTRIC JUNCTION BOX
		ELECTRICAL TRANSFORMER
		UTILITY POLE
		GUY ANCHOR
		FIBER OPTIC
		FIBER OPTIC VAULT
		GAS UNDERGROUND LINE
		TELEPHONE UNDERGROUND LINE
		TELEPHONE RISER
		IRRIGATION CONTROL VALVE

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AHJ: LIST AHJS						PACKAGE # ### DESCRIPTION					
	<div>Parametrix</div> <div>ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES</div> <div></div>		<div><div>DE</div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>2106 Pacific Ave East Suite 400 Tacoma Washington 98424 Phone: 253.922.9781</div></div>		<div>LINE IS " AT FULL SCALE</div>	<div><div>ST</div><div>SOUNDTRANSIT</div></div>	SCALE: 1"=40'	<div>SOUTH TACOMA STATION IMPROVEMENTS</div> <div>PHASE 2</div> <div>CIVIL LEGEND</div> <div>CITY OF TACOMA</div>		DRAWING No.: G1-GZN001	
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							CONTRACT No.: RTA/LR D			SHEET No.: REV:	
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	SUBMITTED BY: T. GONZALES		DATE: 6/8/2023	REVIEWED BY: K. YOUSSEF		DATE: H	06/08/2023				

Xrefs:
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ST-TB22x34
xSTRA-10-CRP100
xSTRA-VOP002
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-VCN001
xSTRA-20-CRP200

SEE DWG 052-CRP036



CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT

LANDSCAPING

CEMENT CONC SIDEWALK

CEMENT CONC. TRAFFIC CURB AND GUTTER

PLASTIC LINE

SAWCUT

TEMPORARY EASEMENT

PLASTIC STOP LINE

PLASTIC CROSSWALK

PLASTIC SHARROW SYMBOL

PLASTIC BIKE LANE SYMBOL

GREEN BIKEWAY MARKING

BIKE LANE BUFFER MARKING

PROTECTED BIKEWAY PLASTIC CURBING
WITH DELINEATOR

DELINEATOR

PLASTIC BIKE CROSSING

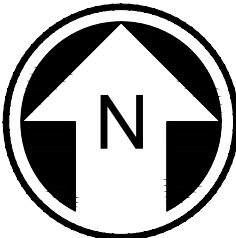
SINGLE DASH LINE BIKE LANE STRIPING

HMA SPEED HUMP AND
SPEED HUMP SYMBOL

LOW PROFILE PLASTIC CURBING

LOW PROFILE PLASTIC CURBING WITH
DELINEATORS

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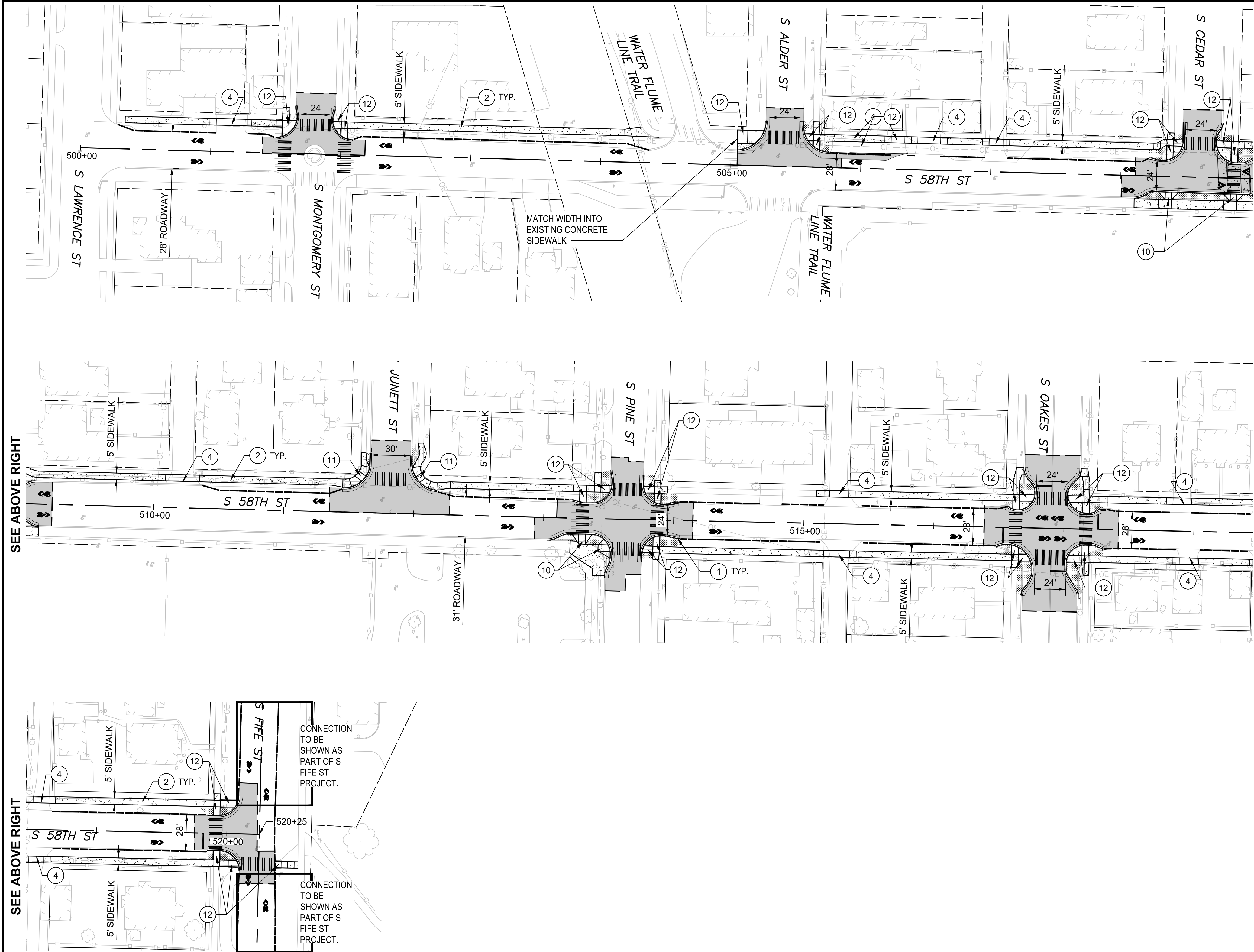
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	J. CROFOOT
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

						SCALE: 1"=40'	SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S 58TH ST CITY OF TACOMA		DRAWING No.: 052-CRP001
SUBMITTED BY: T. GONZALES		DATE: 6/15/2023		REVIEWED BY: K. YOUSSEF		FILENAME: STRA-10-CRP001-10			FACILITY ID: ###
						CONTRACT No.: RTA/LR #			SHEET No.: #
						DATE: 06/15/2023			REV: ####

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xSTRA--VOP002
xSTRA--VOP003
xSTRA--VOP004
xSTRA--VSF001
STRA--GEN--SHTNOTES
xSTRA--30--CRP300
xSTRA--50--CRP500
xSTRA--10--CRP100
xSTRA--20--CRP200

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CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

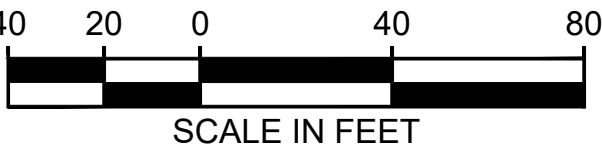
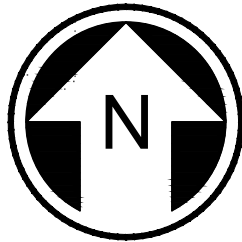
GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:



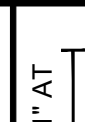

- 2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED
- RESTORATION CEMENT CONC PVMT
- LANDSCAPING
- CEMENT CONC SIDEWALK
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- PLASTIC LINE
- SAWCUT
- TEMPORARY EASEMENT
- PLASTIC STOP LINE
- PLASTIC CROSSWALK
- PLASTIC SHARROW SYMBOL
- PLASTIC BIKE LANE SYMBOL
- GREEN BIKEWAY MARKING
- BIKE LANE BUFFER MARKING
- PROTECTED BIKEWAY PLASTIC CURBING
WITH DELINEATOR
- DELINEATOR
- PLASTIC BIKE CROSSING
- SINGLE DASH LINE BIKE LANE STRIPING
- HMA SPEED HUMP AND
SPEED HUMP SYMBOL
- LOW PROFILE PLASTIC CURBING
- LOW PROFILE PLASTIC CURBING WITH
DELINEATORS

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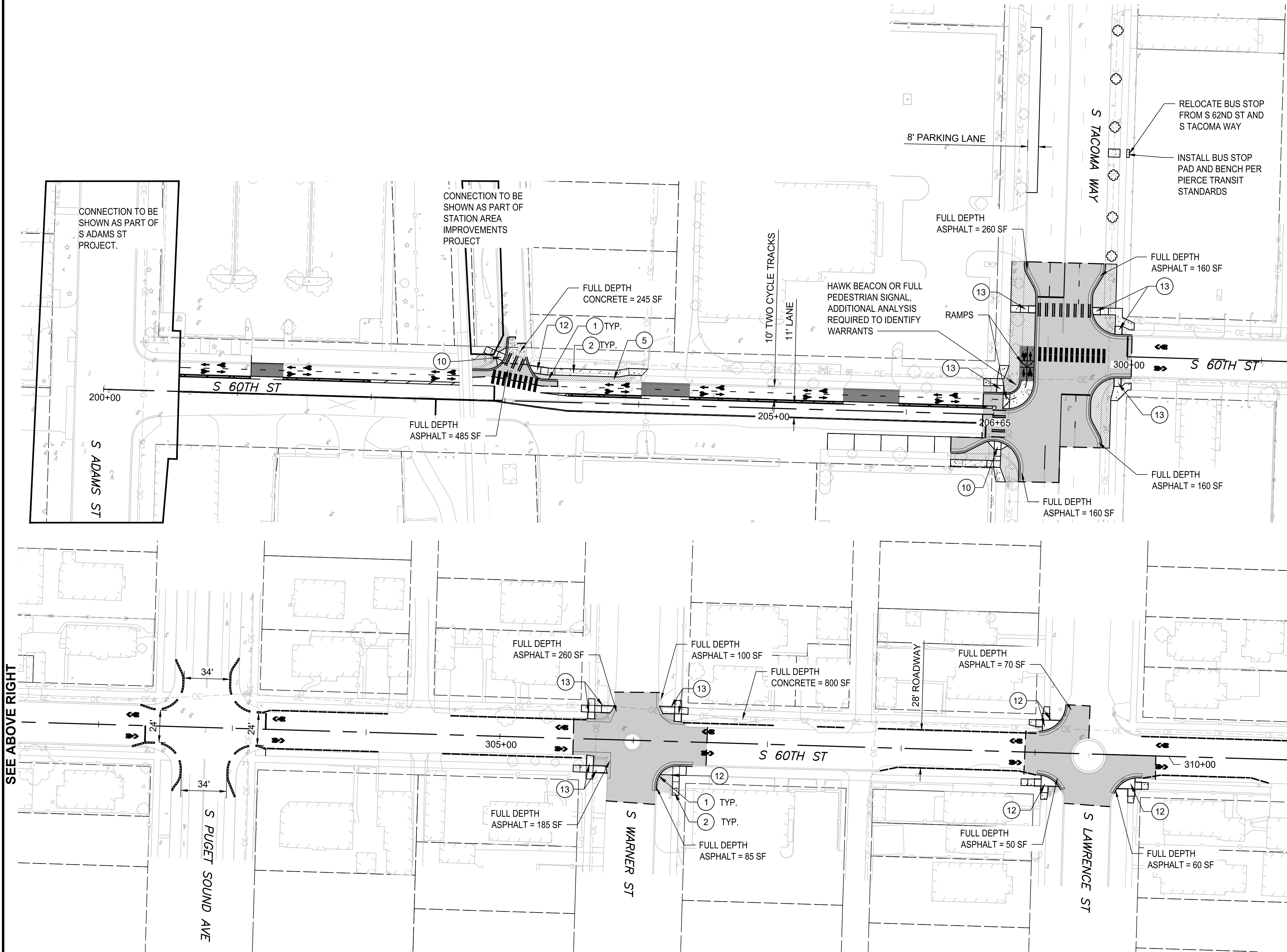
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: J. CROFOOT
DRAWN BY: B. WILLIAMS
CHECKED BY: R. PARKER
APPROVED BY: B. AGAN

AHJ: #####					PACKAGE # #####						
	<div><p>Parametrix ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES</p></div>		<div><p>DAVID EVANS AND ASSOCIATES INC. 2106 Pacific Ave East Suite 400 Tacoma Washington 98424 Phone: 253.922.9781</p></div>		<div><p>LINE IS 1" AT FULL SCALE</p></div>	<div><p>SOUNDTRANSIT</p></div>	SCALE: 1"=40'	<div>SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S 58TH ST CITY OF TACOMA</div>		DRAWING No.: 052-CRP002	
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	DATE: 06/14/2023	REV: ####									
SUBMITTED BY: T. GONZALES		DATE: 6/14/2023	REVIEWED BY: K. YOUSSEF		DATE: #						

Xrefs:
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xSTRA--40--CRP400
ST--1922x34
xSTRA--VOP001
xSTRA--VOP002
xSTRA--VOP003
xSTRA--VOP004
xSTRA--VSF001
STRA--GEN--SHTNOTES
xSTRA--30--CRP300
xSTRA--50--CRP500
xSTRA--10--CRP100
xSTRA--20--CRP200

06/16/23 | 7:50 AM | WILLIBRE
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CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT

LANDSCAPING

CEMENT CONC SIDEWALK

CEMENT CONC. TRAFFIC CURB AND GUTTER

PLASTIC LINE

SAWCUT

TEMPORARY EASEMENT

PLASTIC STOP LINE

PLASTIC CROSSWALK

PLASTIC SHARROW SYMBOL

PLASTIC BIKE LANE SYMBOL

GREEN BIKEWAY MARKING

BIKE LANE BUFFER MARKING

PROTECTED BIKEWAY PLASTIC CURBING
WITH DELINEATOR

DELINEATOR

PLASTIC BIKE CROSSING

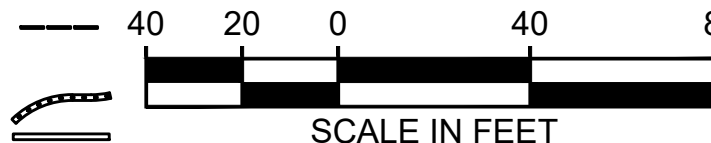
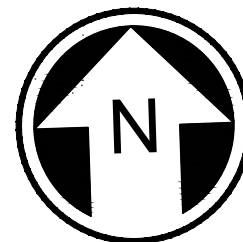
SINGLE DASH LINE BIKE LANE STRIPING

HMA SPEED HUMP AND
SPEED HUMP SYMBOL

LOW PROFILE PLASTIC CURBING

LOW PROFILE PLASTIC CURBING WITH
DELINEATORS

DRAFT
PRINT



AHJ: #####

PACKAGE # #####

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	J. CROFOOT
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

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**DAVID EVANS
AND ASSOCIATES INC.**
2106 Pacific Ave East Suite 400
Tacoma Washington 98424
Phone: 253.922.9781

LINE IS 1" AT
FULL SCALE

SOUNDTRANSIT

SUBMITTED BY:
T. GONZALES

DATE:
6/14/2023

REVIEWED BY:
K. YOUSSEF

DATE:
#

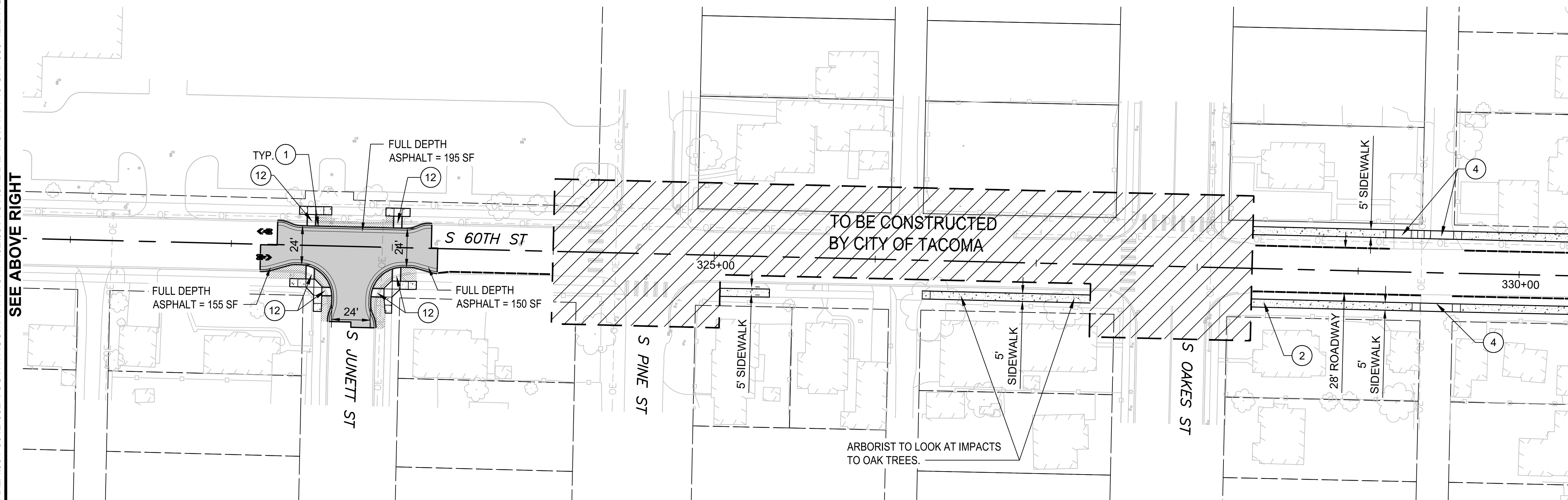
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FILENAME: STRA-40-CRP033-42
CONTRACT No.: RTA/LR #
DATE: 06/14/2023

**SOUTH TACOMA STATION
IMPROVEMENTS**
PHASE 2

CIVIL
S 60TH ST
CITY OF TACOMA

DRAWING No.:	052-CRP003
FACILITY ID:	###
SHEET No.:	#
REV:	####

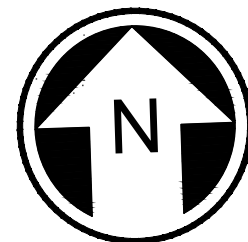
J:\PSO\PROJECTS\CLIENTS\3012-DEA\554-3012-052 SOUTHACOMASTATIONPH02\99SVCS\CADD\DWG\STRA-40-CRP033-42.DWG






- GENERAL NOTES:**
1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
 2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
 3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
 4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
 5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
 6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

RESTORATION CEMENT CONC PVMT	
LANDSCAPING	
CEMENT CONC SIDEWALK	
CEMENT CONC. TRAFFIC CURB AND GUTTER	
PLASTIC LINE	
SAWCUT	
TEMPORARY EASEMENT	
PLASTIC STOP LINE	
PLASTIC CROSSWALK	
PLASTIC SHARROW SYMBOL	
PLASTIC BIKE LANE SYMBOL	
GREEN BIKEWAY MARKING	
BIKE LANE BUFFER MARKING	
PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR	
DELINEATOR	
PLASTIC BIKE CROSSING	
SINGLE DASH LINE BIKE LANE STRIPING	
HMA SPEED HUMP AND SPEED HUMP SYMBOL	
LOW PROFILE PLASTIC CURBING	
LOW PROFILE PLASTIC CURBING WITH DELINEATORS	

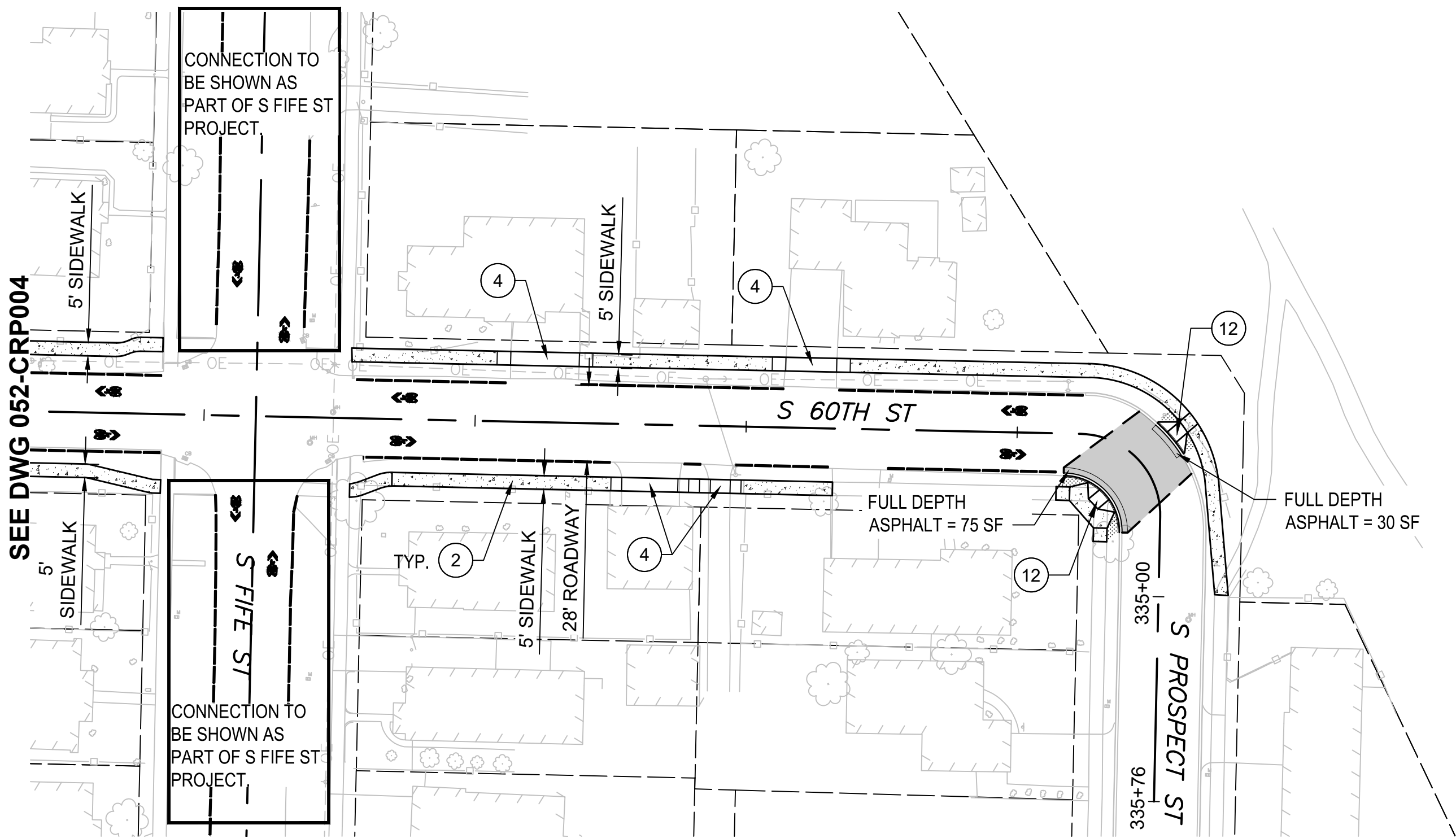
DRAFT
PRINT



						AHJ: #####				PACKAGE # #####			
						DESIGNED BY: J. CROFOOT				SCALE: 1"=40'	SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S 60TH ST CITY OF TACOMA	DRAWING No.: 052-CRP004	
						DRAWN BY: B. WILLIAMS				FILENAME: STRA-40-CRP033-42		FACILITY ID: ###	
						CHECKED BY: R. PARKER				CONTRACT No.: RTA/LR #		SHEET No.: #	REV: ###
						APPROVED BY: B. AGAN				DATE: 6/14/2023		REVIEWED BY: K. YOUSSEF	DATE: #
No.	DATE	DSN	CHK	APP	REVISION					SUBMITTED BY: T. GONZALES			

Xrefs:
xSTRA-VRX001
xSTRA-40-CRP400
ST-1822x34
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-30-CRP300
xSTRA-50-CRP500
xSTRA-10-CRP100
xSTRA-20-CRP200

06/16/23 | 7:52 AM | WILLIBRE
U:\PO\PROJECTS\CLIENTS\3012-DEA\554-3012-052 SOUTH TACOMA STATION\PH02\989\CS\CADD\DWG\STRA-40-CRP033-42.DWG



CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT	
LANDSCAPING	
CEMENT CONC SIDEWALK	
CEMENT CONC. TRAFFIC CURB AND GUTTER	
PLASTIC LINE	
SAWCUT	
TEMPORARY EASEMENT	
PLASTIC STOP LINE	
PLASTIC CROSSWALK	
PLASTIC SHARROW SYMBOL	
PLASTIC BIKE LANE SYMBOL	
GREEN BIKEWAY MARKING	
BIKE LANE BUFFER MARKING	
PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR	
DELINEATOR	
PLASTIC BIKE CROSSING	
SINGLE DASH LINE BIKE LANE STRIPING	
HMA SPEED HUMP AND SPEED HUMP SYMBOL	
LOW PROFILE PLASTIC CURBING	
LOW PROFILE PLASTIC CURBING WITH DELINEATORS	

DRAFT
PRINT

SCALE IN FEET

No.						DATE		DSN	CHK	APP	REVISION

DESIGNED BY: B. MAY						DRAWN BY: B. WILLIAMS					
CHECKED BY: R. PARKER						APPROVED BY: B. AGAN					

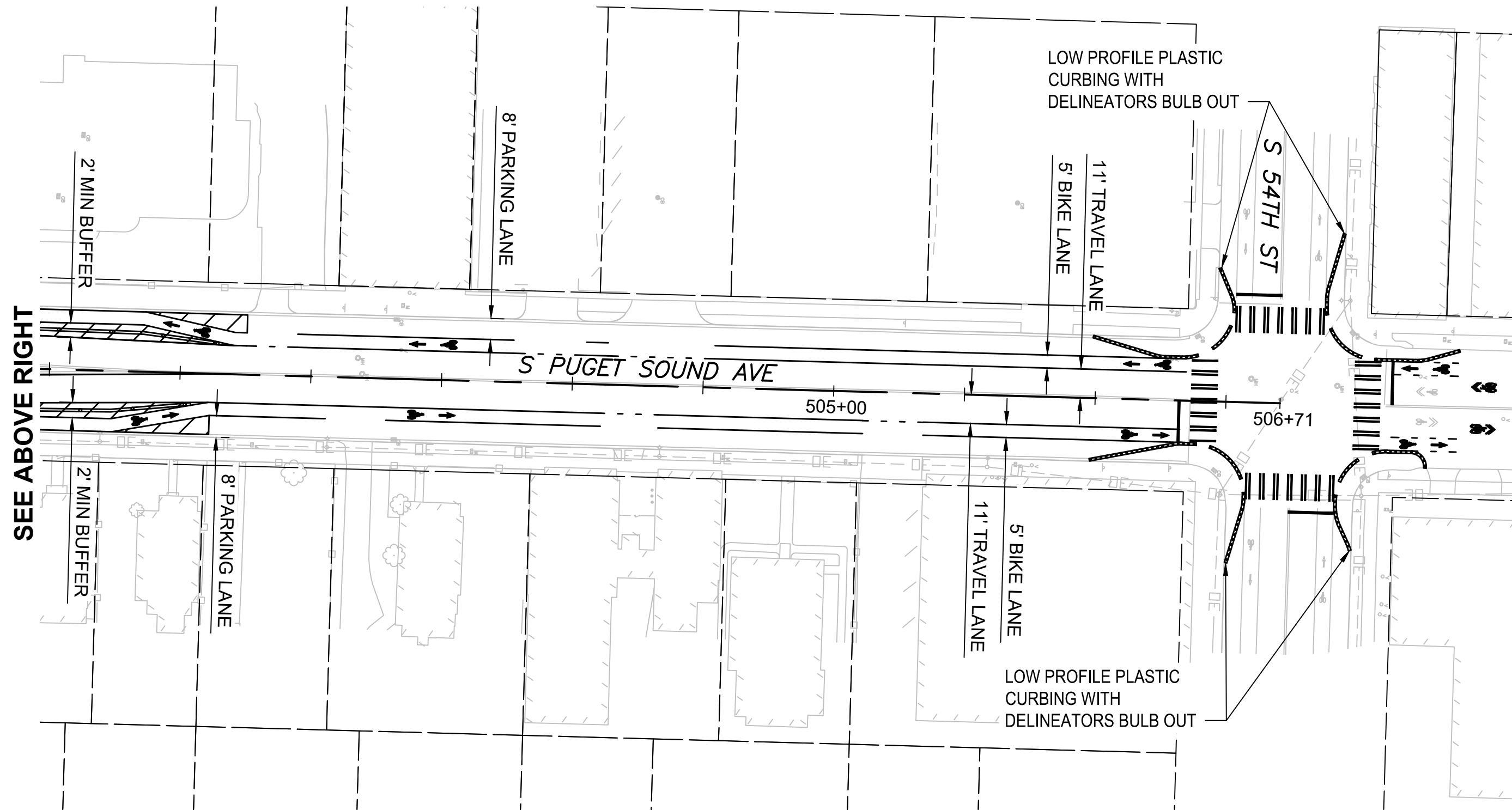
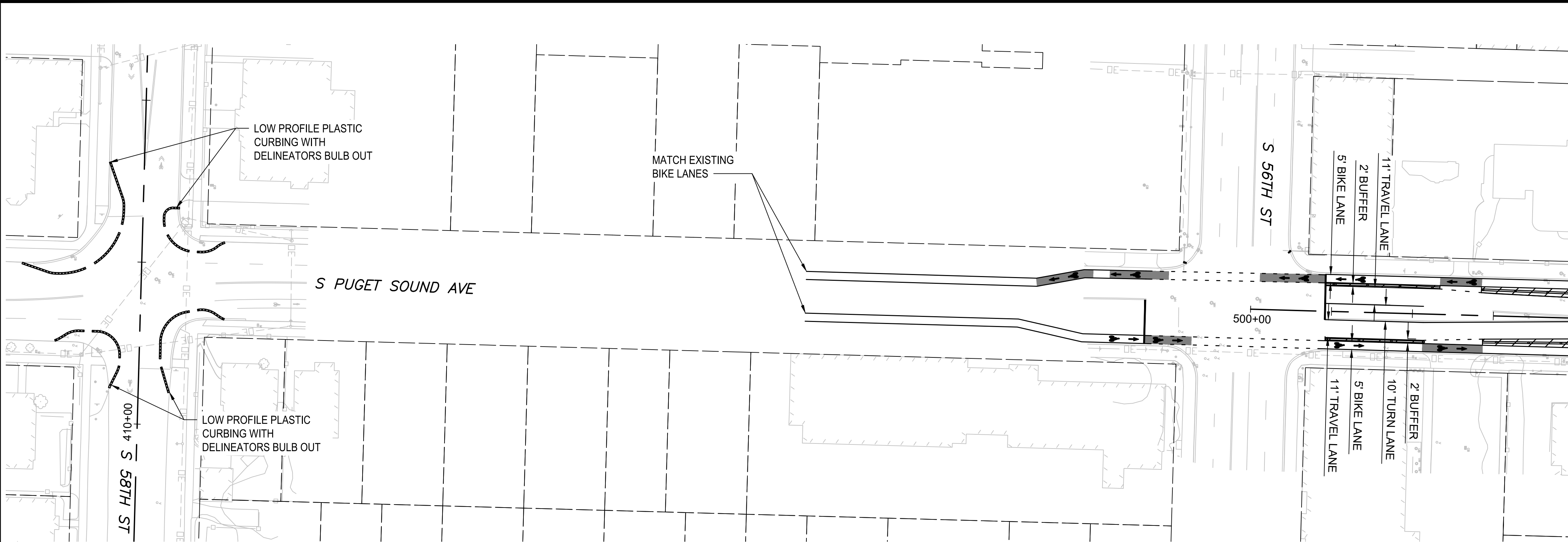
AHJ: #####		PACKAGE # #####	
 ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES		 2106 Pacific Ave East Suite 400 Tacoma Washington 98424 Phone: 253.922.9781	
SUBMITTED BY: T. GONZALES		DATE: 6/14/2023	
REVIEWED BY: K. YOUSSEF		DATE: #	

SCALE: 1"=40'		FILENAME: STRA-40-CRP033-42	
CONTRACT No.: RTA/LR #		DATE: 06/14/2023	

SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S 60TH ST CITY OF TACOMA			
DRAWING No.: 052-CRP005			
FACILITY ID: ###			
SHEET No.: #		REV: ####	

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-VSF001
xSTRA-SURF
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP002
xSTRA-VOP004
xSTRA-50-CRP500
STRA-GEN-SHINOTES
xSTRA-40-CRP400
xSTRA-30-CRP300
xSTRA-10-CRP100
xSTRA-20-CRP200

06/16/23 | 7:57 AM | WILLIBRE
U:\PROJECTS\CLIENTS\3012-DEA\554-3012-052 SOUTH TACOMA STATION\PH02\989SVCS\CADD\DWG\STRA-44-CRP043-48.DWG



CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT

LANDSCAPING

CEMENT CONC SIDEWALK

CEMENT CONC. TRAFFIC CURB AND GUTTER

PLASTIC LINE

SAWCUT

TEMPORARY EASEMENT

PLASTIC STOP LINE

PLASTIC CROSSWALK

PLASTIC SHARROW SYMBOL

PLASTIC BIKE LANE SYMBOL

GREEN BIKEWAY MARKING

BIKE LANE BUFFER MARKING

PROTECTED BIKEWAY PLASTIC CURBING
WITH DELINEATOR

DELINEATOR

PLASTIC BIKE CROSSING

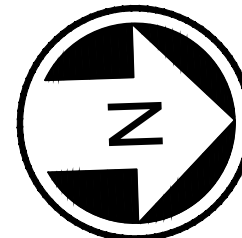
SINGLE DASH LINE BIKE LANE STRIPING

HMA SPEED HUMP AND
SPEED HUMP SYMBOL

LOW PROFILE PLASTIC CURBING

LOW PROFILE PLASTIC CURBING WITH
DELINEATORS

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AHJ: #####

PACKAGE # #####

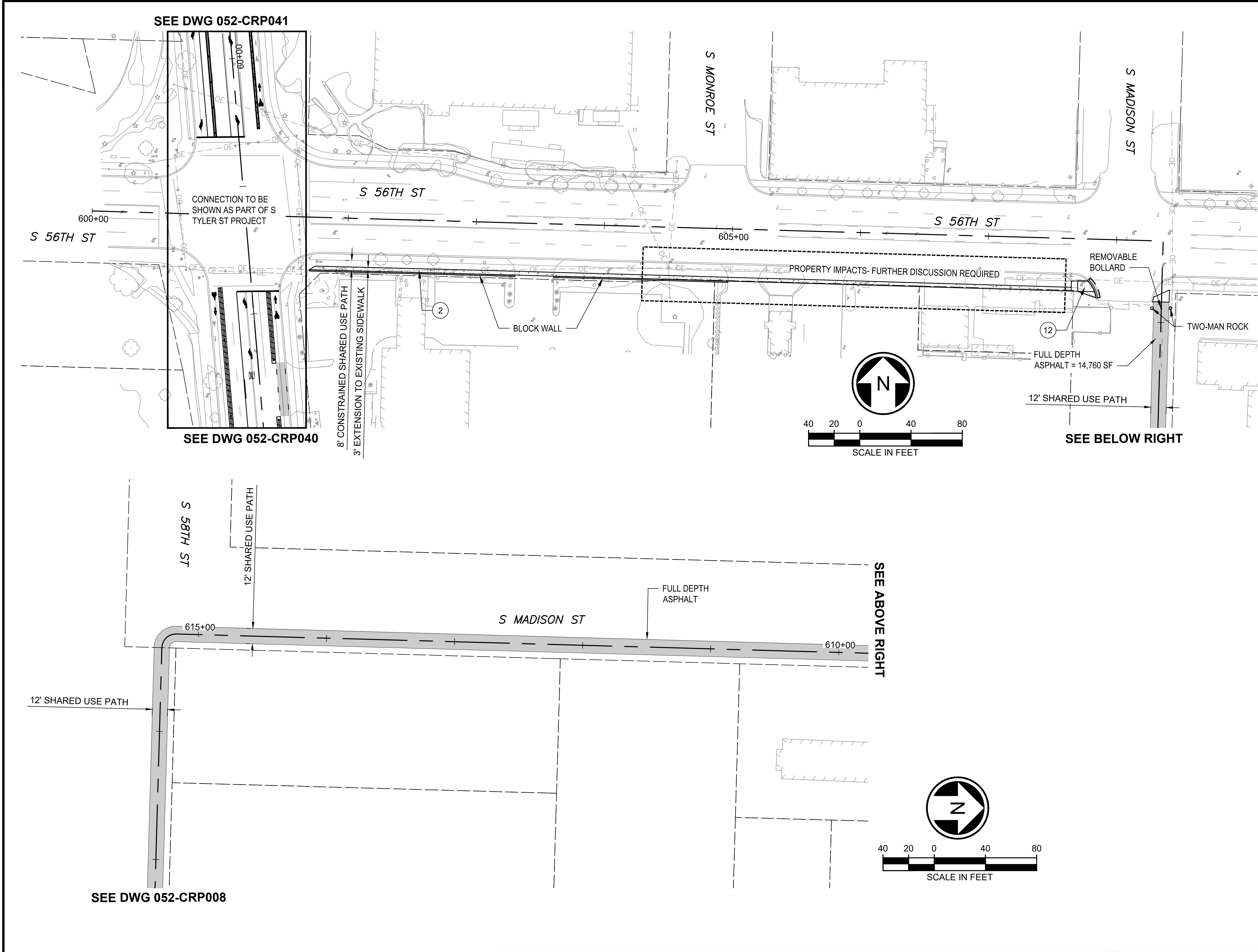
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: J. CROFOOT
DRAWN BY: B. WILLIAMS
CHECKED BY: R. PARKER
APPROVED BY: B. AGAN

						SCALE: 1"=40'	SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S PUGET SOUND AVE CITY OF TACOMA		DRAWING No.: 052-CRP006
SUBMITTED BY: T. GONZALES		DATE: 6/14/2023		REVIEWED BY: K. YOUSSEF		FILENAME: STRA-44-CRP043-48			FACILITY ID: ###
						CONTRACT No.: RTA/LR #			SHEET No.: #
						DATE: 06/14/2023			REV: ####

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-10-CRP100
xSTRA-VOP002
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-VCN001
xSTRA-20-CRP200

06/16/23 | 11:37 AM | CROFO.JOS
U:\PSO\PROJECTS\CLIENTS\3012-DEA\554-3012-052 SOUTH TACOMA STATION\PH02\989\CS\CADD\DWG\STRA-10-CRP001-10.DWG



CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT	
LANDSCAPING	
CEMENT CONC SIDEWALK	
CEMENT CONC. TRAFFIC CURB AND GUTTER	
PLASTIC LINE	
SAWCUT	
TEMPORARY EASEMENT	
PLASTIC STOP LINE	
PLASTIC CROSSWALK	
PLASTIC SHARROW SYMBOL	
PLASTIC BIKE LANE SYMBOL	
GREEN BIKEWAY MARKING	
BIKE LANE BUFFER MARKING	
PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR	
DELINEATOR	
PLASTIC BIKE CROSSING	
SINGLE DASH LINE BIKE LANE STRIPING	
HMA SPEED HUMP AND SPEED HUMP SYMBOL	
LOW PROFILE PLASTIC CURBING	
LOW PROFILE PLASTIC CURBING WITH DELINEATORS	

DRAFT
PRINT

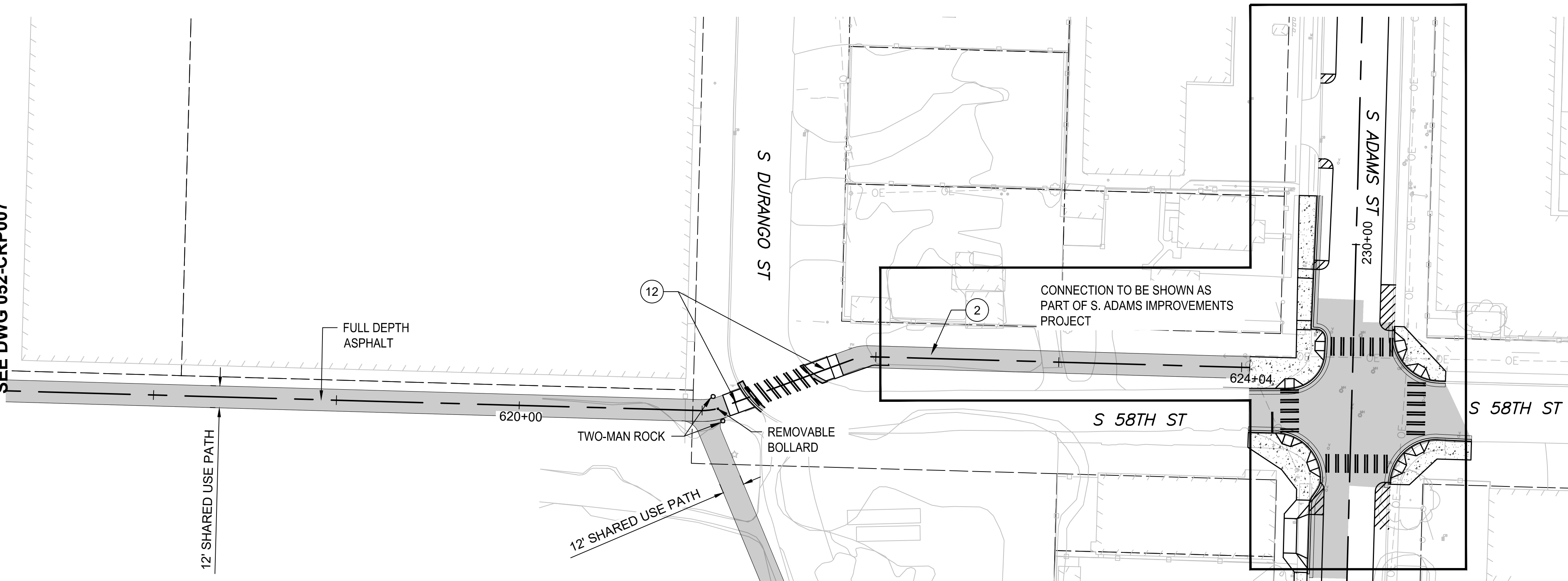
						AHJ: #####				PACKAGE # #####					
						DESIGNED BY:	<div>Parametrix ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES</div>	<div>DAVID EVANS AND ASSOCIATES INC. 2106 Pacific Ave East Suite 400 Tacoma Washington 98424 Phone: 253.922.9781</div>	<div>LINE IS 1" AT FULL SCALE</div>	<div>SOUNDTRANSIT</div>	SCALE: 1"=40'	<div>SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S 56TH ST BICYCLE PATHWAY CITY OF TACOMA</div>	DRAWING No.: 052-CRP007		
					DRAWN BY:	FACILITY ID: ###									
					B. WILLIAMS	SHEET No.: REV:									
					CHECKED BY:	# ####									
					R. PARKER										
					APPROVED BY:	SUBMITTED BY:	DATE:	REVIEWED BY:	DATE:						
No.	DATE	DSN	CHK	APP	REVISION	T. GONZALES	6/16/2023	K. YOUSSEF	#	06/16/2023					

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-10-CRP100
xSTRA-VOP002
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-VCN001
xSTRA-20-CRP200

SEE DWG 052-CRP007

SEE DWG 052-CRP007

ALTERNATIVE A23a



ALTERNATIVE A23b

CONSTRUCTION NOTES:

- 1 INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
- 2 INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
- 3 NOT USED.
- 4 INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
- 5 INSTALL PLANTER STRIP .
- 6 INSTALL RETAINING WALL.
- 7 INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
- 8 NOT USED.
- 9 NOT USED.
- 10 INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
- 11 INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
- 12 INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
- 13 INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

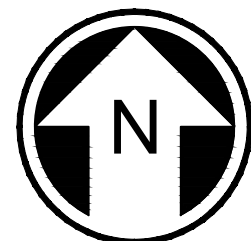
1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.



LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

- RESTORATION CEMENT CONC PVMT
- LANDSCAPING
- CEMENT CONC SIDEWALK
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- PLASTIC LINE
- SAWCUT
- TEMPORARY EASEMENT
- PLASTIC STOP LINE
- PLASTIC CROSSWALK
- PLASTIC SHARROW SYMBOL
- PLASTIC BIKE LANE SYMBOL
- GREEN BIKEWAY MARKING
- BIKE LANE BUFFER MARKING
- PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR
- DELINEATOR
- PLASTIC BIKE CROSSING
- SINGLE DASH LINE BIKE LANE STRIPING
- HMA SPEED HUMP AND SPEED HUMP SYMBOL
- LOW PROFILE PLASTIC CURBING
- LOW PROFILE PLASTIC CURBING WITH DELINEATORS

DRAFT
PRINT



AHJ: #####					PACKAGE # #####						
<div>Parametrix</div> <div>ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>2106 Pacific Ave East Suite 400 Tacoma Washington 98424 Phone: 253.922.9781</div></div>		<div>LINE IS 1" AT FULL SCALE</div>	<div><div>SOUNDTRANSIT</div></div>	SCALE: 1"=40'	<div>SOUTH TACOMA STATION IMPROVEMENTS</div> <div>PHASE 2</div> <div>CIVIL</div> <div>S 56TH ST BICYCLE PATHWAY CITY OF TACOMA</div>			DRAWING No.: <div>052-CRP008</div>	
						FILENAME: STRA-10-CRP001-10				FACILITY ID: <div>###</div>	
CONTRACT No.: RTA/LR #	SHEET No.: #		REV: ###								
DATE: 06/15/2023	SUBMITTED BY: T. GONZALES	DATE: 6/15/2023	REVIEWED BY: K. YOUSSEF	DATE: #							

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DAVID EVANS AND ASSOCIATES INC.

2106 Pacific Ave East Suite 400
Tacoma Washington 98424
Phone: 253.922.9781

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

#####

SOUTH TACOMA STATION
IMPROVEMENTS
PHASE 2

CIVIL
S 56TH ST BICYCLE PATHWAY
CITY OF TACOMA

DRAWING No.:
052-CRP008

FACILITY ID:
###

SHEET No.:
#

REV:
####

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-20-CRP200
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-10-CRP100
xSTRA-40-CRP400

06/16/23 | 8:06 AM | WILLIBRE
U:\PSO\PROJECTS\CLIENTS\3012-DEA\554-3012-052 SOUTH TACOMA STATION\PH02\989SVCS\CADD\DWG\STRA-20-CRP011-20.DWG

ALTERNATIVE A23a

ALTERNATIVE A23a

CONNECTION TO
BE SHOWN AS
PART OF S 66TH
STREET BIKE
CORRIDOR
PROJECT.

CONNECTION TO
BE SHOWN AS
PART OF S 66TH
STREET BIKE
CORRIDOR
PROJECT.

INSTALL BUS PAD. BENCH TO BE
INSTALLED BY PIERCE TRANSIT.

PEDESTRIAN
SIGNAL

11' TWO-WAY BIKE LANE
22' ROADWAY
3' BUFFER

S ADAMS ST

SEE BELOW LEFT

CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

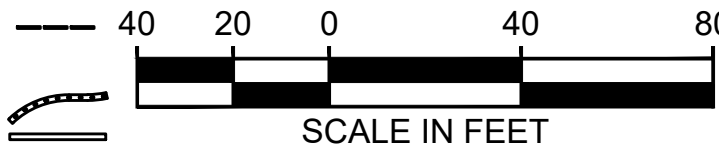
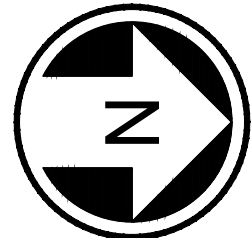
1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

- RESTORATION CEMENT CONC PVMT
- LANDSCAPING
- CEMENT CONC SIDEWALK
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- PLASTIC LINE
- SAWCUT
- TEMPORARY EASEMENT
- PLASTIC STOP LINE
- PLASTIC CROSSWALK
- PLASTIC SHARROW SYMBOL
- PLASTIC BIKE LANE SYMBOL
- GREEN BIKEWAY MARKING
- BIKE LANE BUFFER MARKING
- PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR
- DELINEATOR
- PLASTIC BIKE CROSSING
- SINGLE DASH LINE BIKE LANE STRIPING
- HMA SPEED HUMP AND SPEED HUMP SYMBOL
- LOW PROFILE PLASTIC CURBING
- LOW PROFILE PLASTIC CURBING WITH DELINEATORS

DRAFT
PRINT



AHJ: #####

PACKAGE # #####

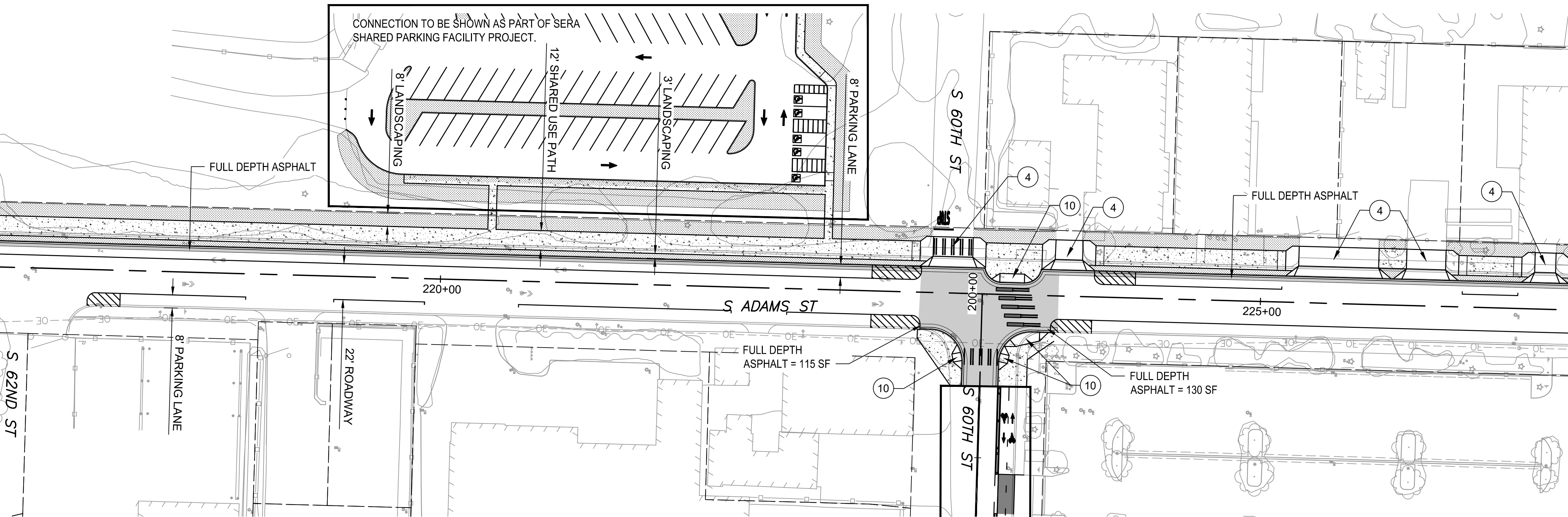
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	#####
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

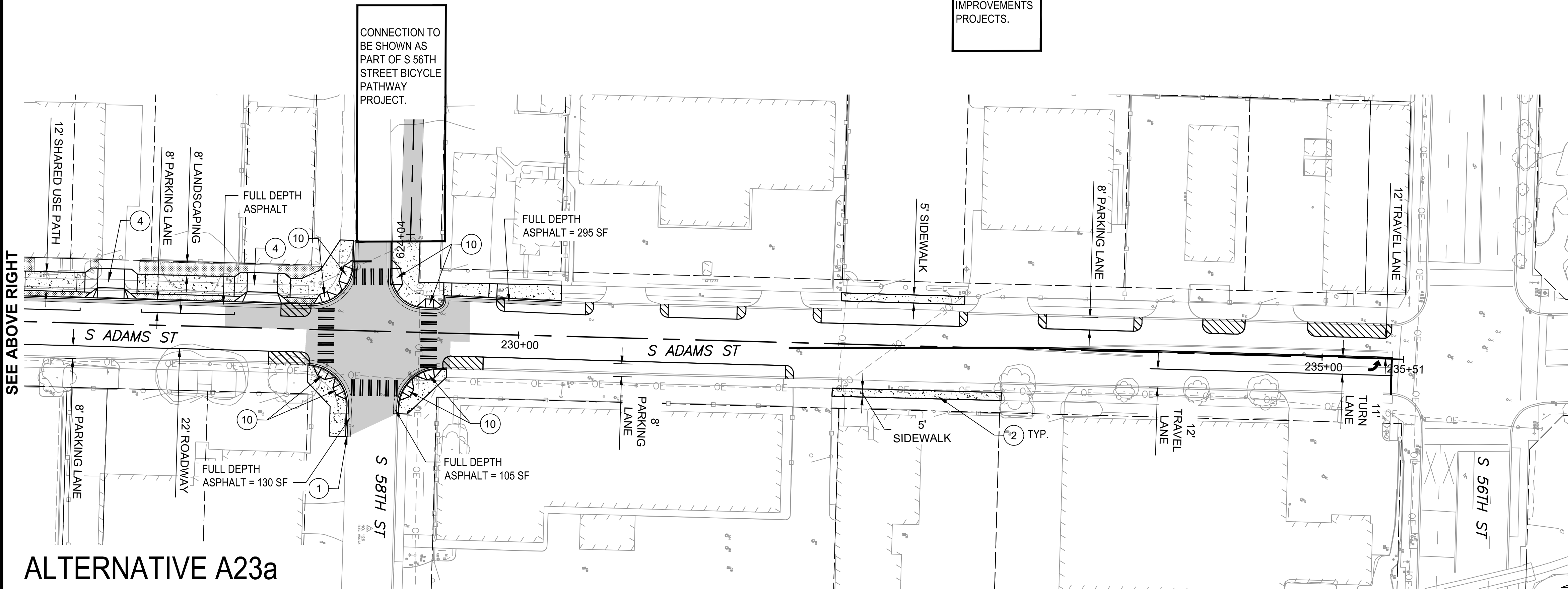
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SUBMITTED BY: T. GONZALES		DATE: 6/15/2023		REVIEWED BY: K. YOUSSEF		FILENAME: STRA-20-CRP011-20			FACILITY ID: ###
						CONTRACT No.: RTA/LR #			SHEET No.: #
						DATE: 06/15/2023			REV: ####

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-20-CRP200
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-10-CRP100
xSTRA-40-CRP400

SEE DWG 052-CRP009



ALTERNATIVE A23a



ALTERNATIVE A23a

SEE ABOVE RIGHT

CONSTRUCTION NOTES:

- 1 INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
- 2 INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
- 3 NOT USED.
- 4 INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
- 5 INSTALL PLANTER STRIP .
- 6 INSTALL RETAINING WALL.
- 7 INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
- 8 NOT USED.
- 9 NOT USED.
- 10 INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
- 11 INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
- 12 INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
- 13 INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

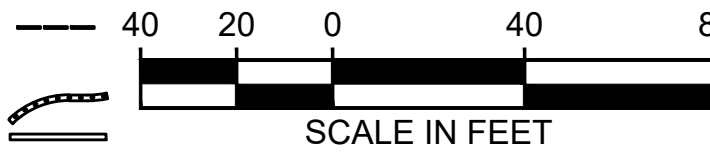
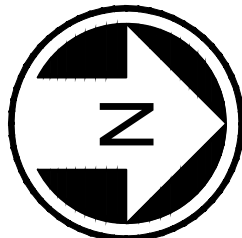
1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

- RESTORATION CEMENT CONC PVMT
- LANDSCAPING
- CEMENT CONC SIDEWALK
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- PLASTIC LINE
- SAWCUT
- TEMPORARY EASEMENT
- PLASTIC STOP LINE
- PLASTIC CROSSWALK
- PLASTIC SHARROW SYMBOL
- PLASTIC BIKE LANE SYMBOL
- GREEN BIKEWAY MARKING
- BIKE LANE BUFFER MARKING
- PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR
- DELINEATOR
- PLASTIC BIKE CROSSING
- SINGLE DASH LINE BIKE LANE STRIPING
- HMA SPEED HUMP AND SPEED HUMP SYMBOL
- LOW PROFILE PLASTIC CURBING
- LOW PROFILE PLASTIC CURBING WITH DELINEATORS

DRAFT
PRINT



AHJ: #####

PACKAGE # #####

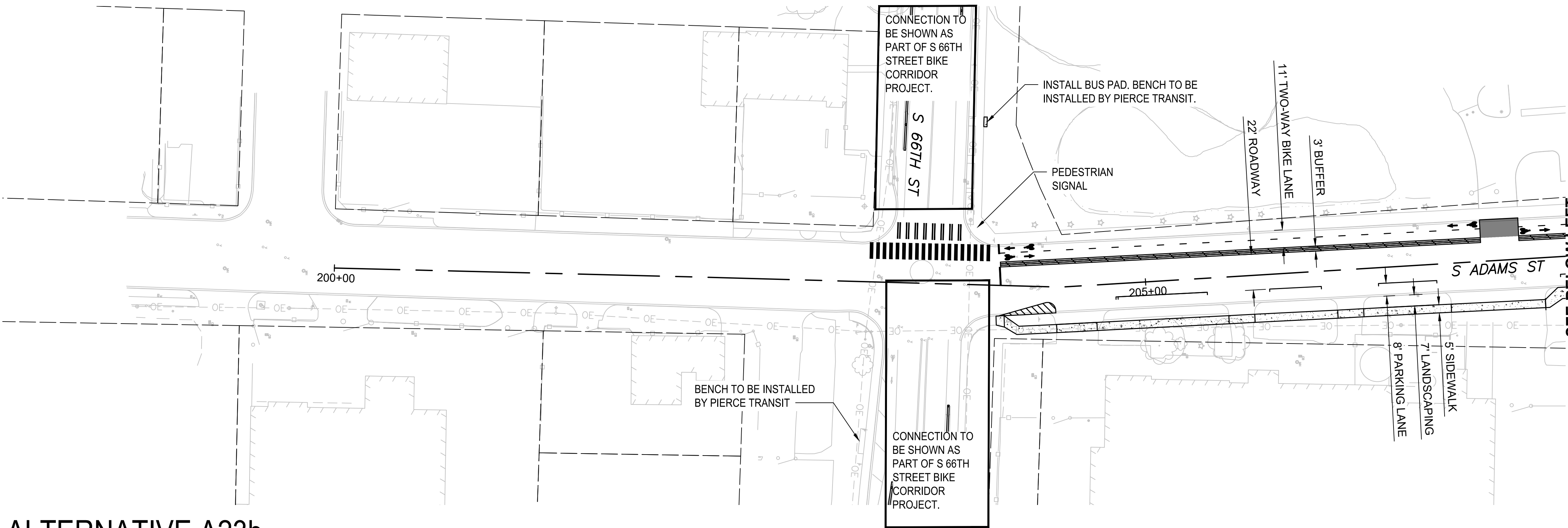
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	#####
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

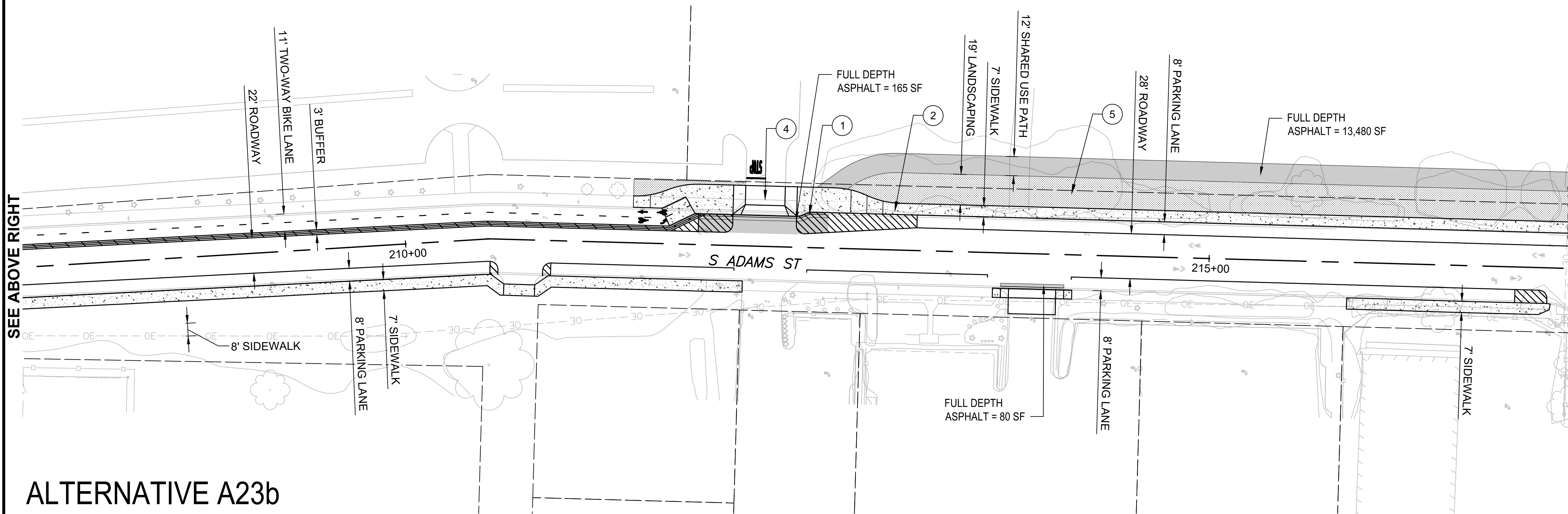
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SUBMITTED BY: T. GONZALES		DATE: 6/15/2023		REVIEWED BY: K. YOUSSEF		FILENAME: STRA-20-CRP011-20			FACILITY ID: ###
						CONTRACT No.: RTA/LR #			SHEET No.: #
						DATE: 06/15/2023			REV: ###

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-20-CRP200
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-10-CRP100
xSTRA-40-CRP400

06/16/23 | 11:05 AM | WILLIBRE
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ALTERNATIVE A23b



ALTERNATIVE A23b

CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

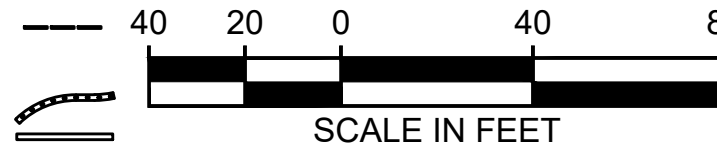
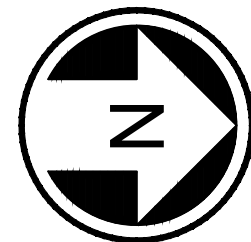
1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT	
LANDSCAPING	
CEMENT CONC SIDEWALK	
CEMENT CONC. TRAFFIC CURB AND GUTTER	
PLASTIC LINE	
SAWCUT	
TEMPORARY EASEMENT	
PLASTIC STOP LINE	
PLASTIC CROSSWALK	
PLASTIC SHARROW SYMBOL	
PLASTIC BIKE LANE SYMBOL	
GREEN BIKEWAY MARKING	
BIKE LANE BUFFER MARKING	
PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR	
DELINEATOR	
PLASTIC BIKE CROSSING	
SINGLE DASH LINE BIKE LANE STRIPING	
HMA SPEED HUMP AND SPEED HUMP SYMBOL	
LOW PROFILE PLASTIC CURBING	
LOW PROFILE PLASTIC CURBING WITH DELINEATORS	

DRAFT
PRINT



AHJ: #####

PACKAGE # #####

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	#####
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

SUBMITTED BY:
T. GONZALES

DATE:
6/15/2023



**DAVID EVANS
AND ASSOCIATES INC.**
2106 Pacific Ave East Suite 400
Tacoma Washington 98424
Phone: 253.922.9781

REVIEWED BY:
K. YOUSSEF

LINE IS 1" AT
FULL SCALE



DATE:
#

SCALE: 1"=40'
FILENAME: STRA-20-CRP011-20
CONTRACT No.: RTA/LR #
DATE: 06/15/2023

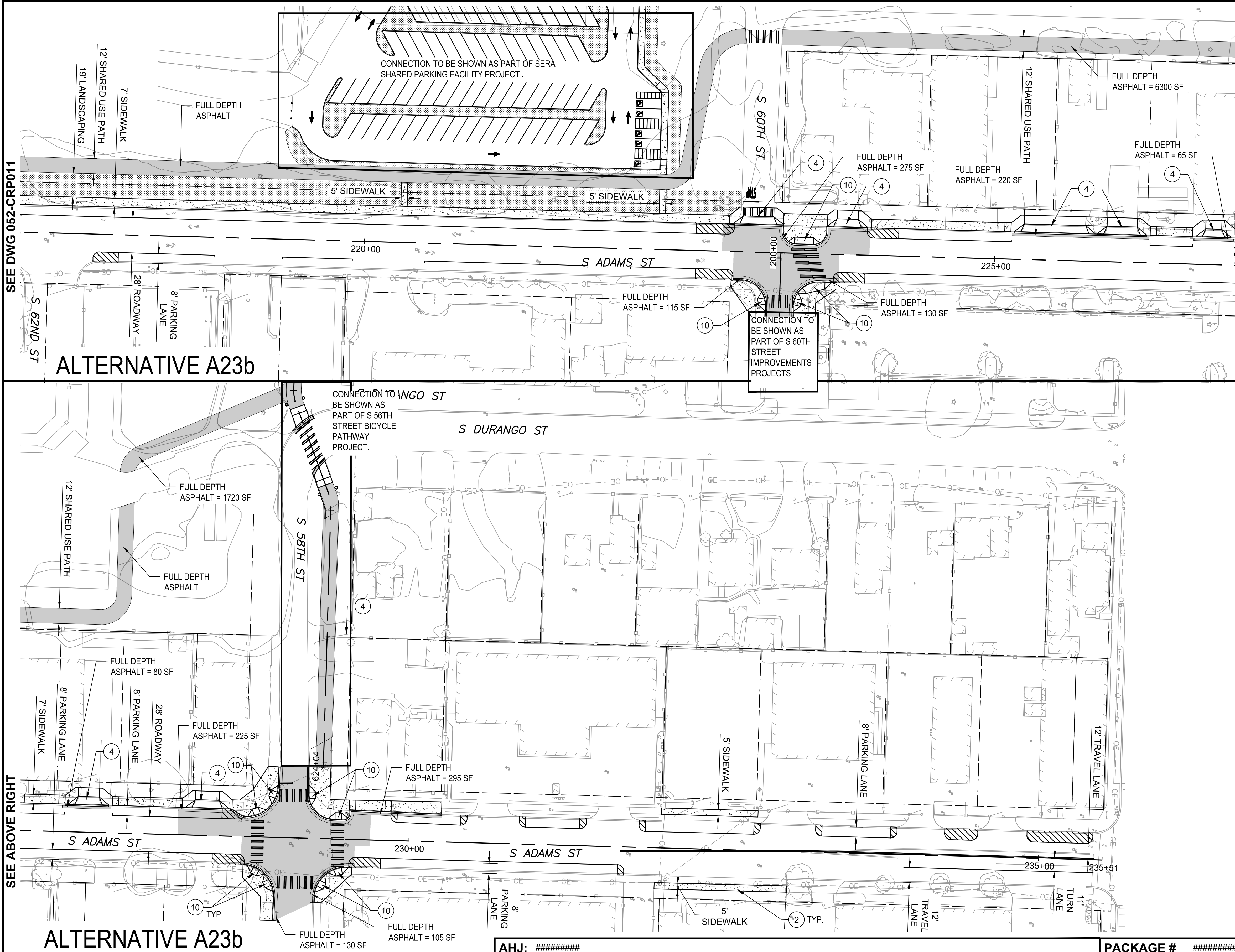
**SOUTH TACOMA STATION
IMPROVEMENTS**
PHASE 2

CIVIL
S ADAMS ST
CITY OF TACOMA

DRAWING No.:	052-CRP011
FACILITY ID:	###
SHEET No.:	#
REV:	####

Xrefs:
xSTRA-VR001
ST-TB22x34
xSTRA-20-CRP200
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-10-CRP100
xSTRA-40-CRP400

06/16/23 | 11:01 AM | CROFOJOS
U:\PROJECTS\CLIENTS\3012-052 SOUTH TACOMA STATION\PH02\989VCS\CADD\DWG\STRA-20-CRP011-20.DWG



CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

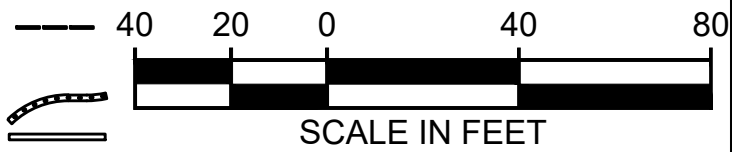
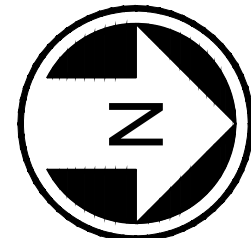
1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

- RESTORATION CEMENT CONC PVMT
- LANDSCAPING
- CEMENT CONC SIDEWALK
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- PLASTIC LINE
- SAWCUT
- TEMPORARY EASEMENT
- PLASTIC STOP LINE
- PLASTIC CROSSWALK
- PLASTIC SHARROW SYMBOL
- PLASTIC BIKE LANE SYMBOL
- GREEN BIKEWAY MARKING
- BIKE LANE BUFFER MARKING
- PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR
- DELINEATOR
- PLASTIC BIKE CROSSING
- SINGLE DASH LINE BIKE LANE STRIPING
- HMA SPEED HUMP AND SPEED HUMP SYMBOL
- LOW PROFILE PLASTIC CURBING
- LOW PROFILE PLASTIC CURBING WITH DELINEATORS

DRAFT
PRINT



No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	#####
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

AHJ: #####

SUBMITTED BY:		DATE:		REVIEWED BY:	
T. GONZALES		6/15/2023		K. YOUSSEF	

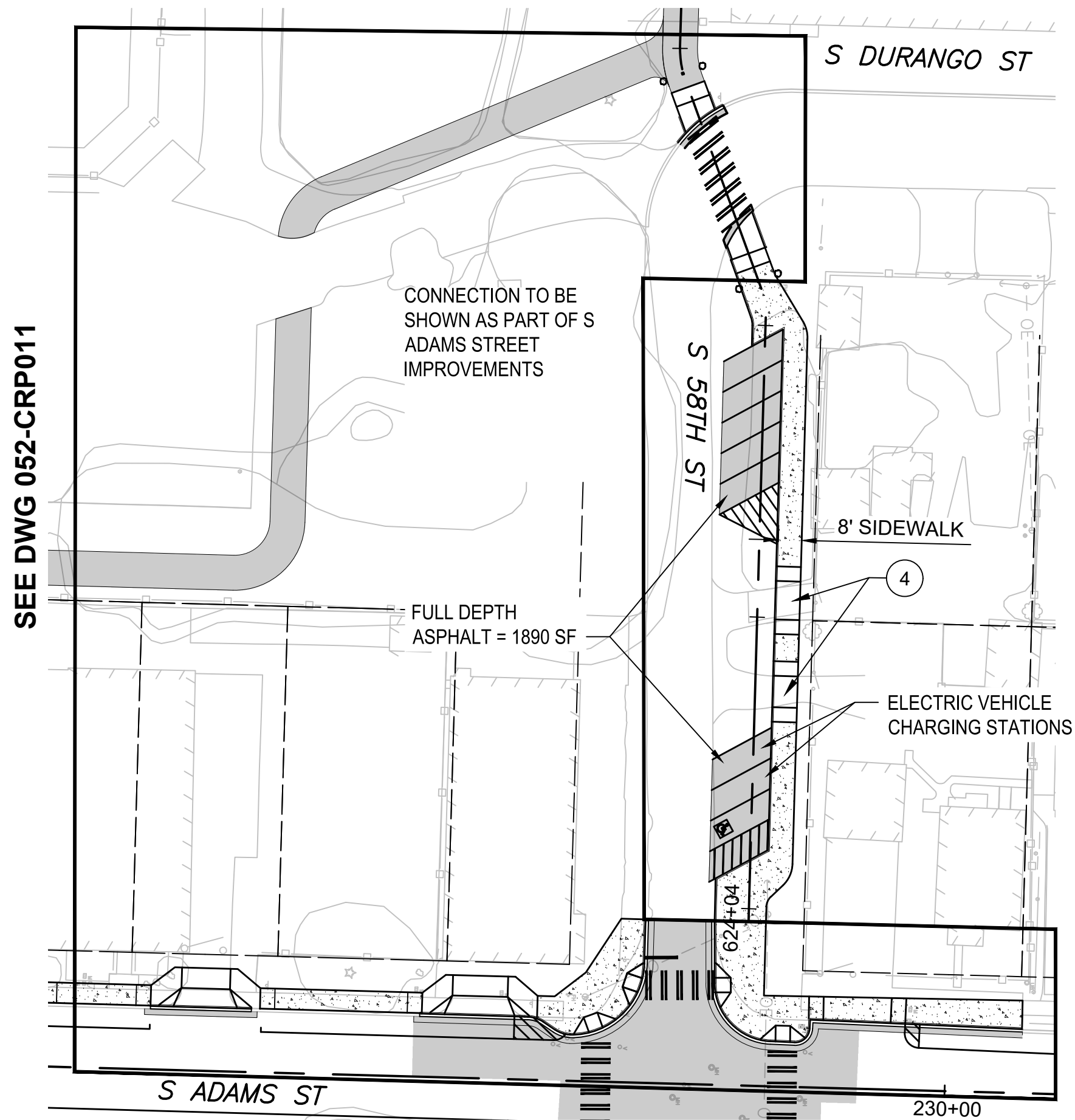
PACKAGE # #####

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FILENAME: STRA-20-CRP011-20
CONTRACT No.: RTA/LR #
DATE: 06/15/2023

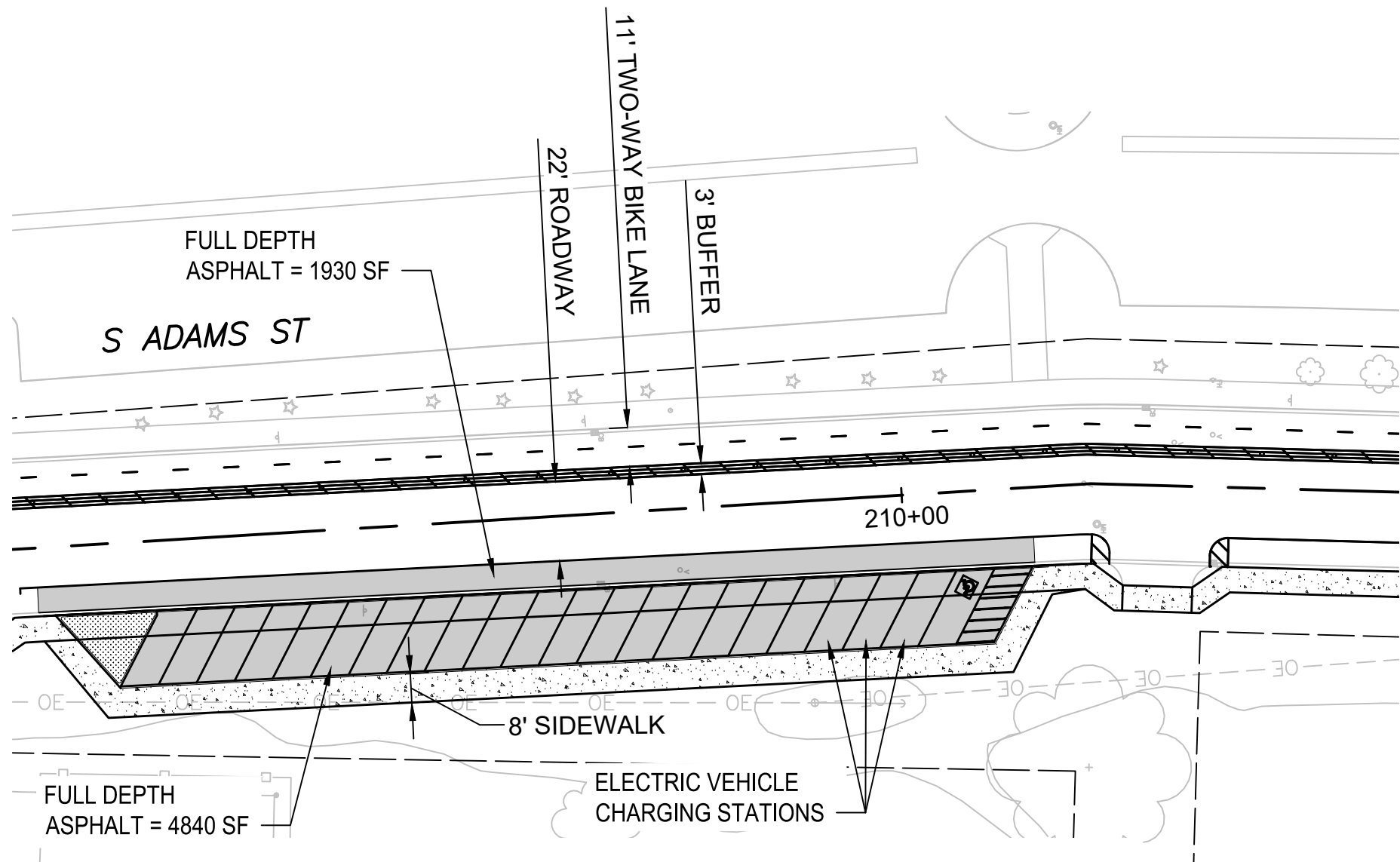
SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL S ADAMS ST CITY OF TACOMA	
--	--

DRAWING No.:	052-CRP012
FACILITY ID:	###
SHEET No.:	#
REV:	####

Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-20-CRP200
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-10-CRP100
xSTRA-40-CRP400



EXTRA PARKING OPTION 1



EXTRA PARKING OPTION 2

CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
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6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT

LANDSCAPING

CEMENT CONC SIDEWALK

CEMENT CONC. TRAFFIC CURB AND GUTTER

PLASTIC LINE

SAWCUT

TEMPORARY EASEMENT

PLASTIC STOP LINE

PLASTIC CROSSWALK

PLASTIC SHARROW SYMBOL

PLASTIC BIKE LANE SYMBOL

GREEN BIKEWAY MARKING

BIKE LANE BUFFER MARKING

PROTECTED BIKEWAY PLASTIC CURBING
WITH DELINEATOR

DELINEATOR

PLASTIC BIKE CROSSING

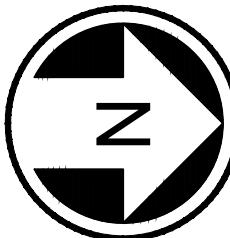
SINGLE DASH LINE BIKE LANE STRIPING

HMA SPEED HUMP AND
SPEED HUMP SYMBOL

LOW PROFILE PLASTIC CURBING

LOW PROFILE PLASTIC CURBING WITH
DELINEATORS

DRAFT
PRINT



AHJ: #####

PACKAGE # #####

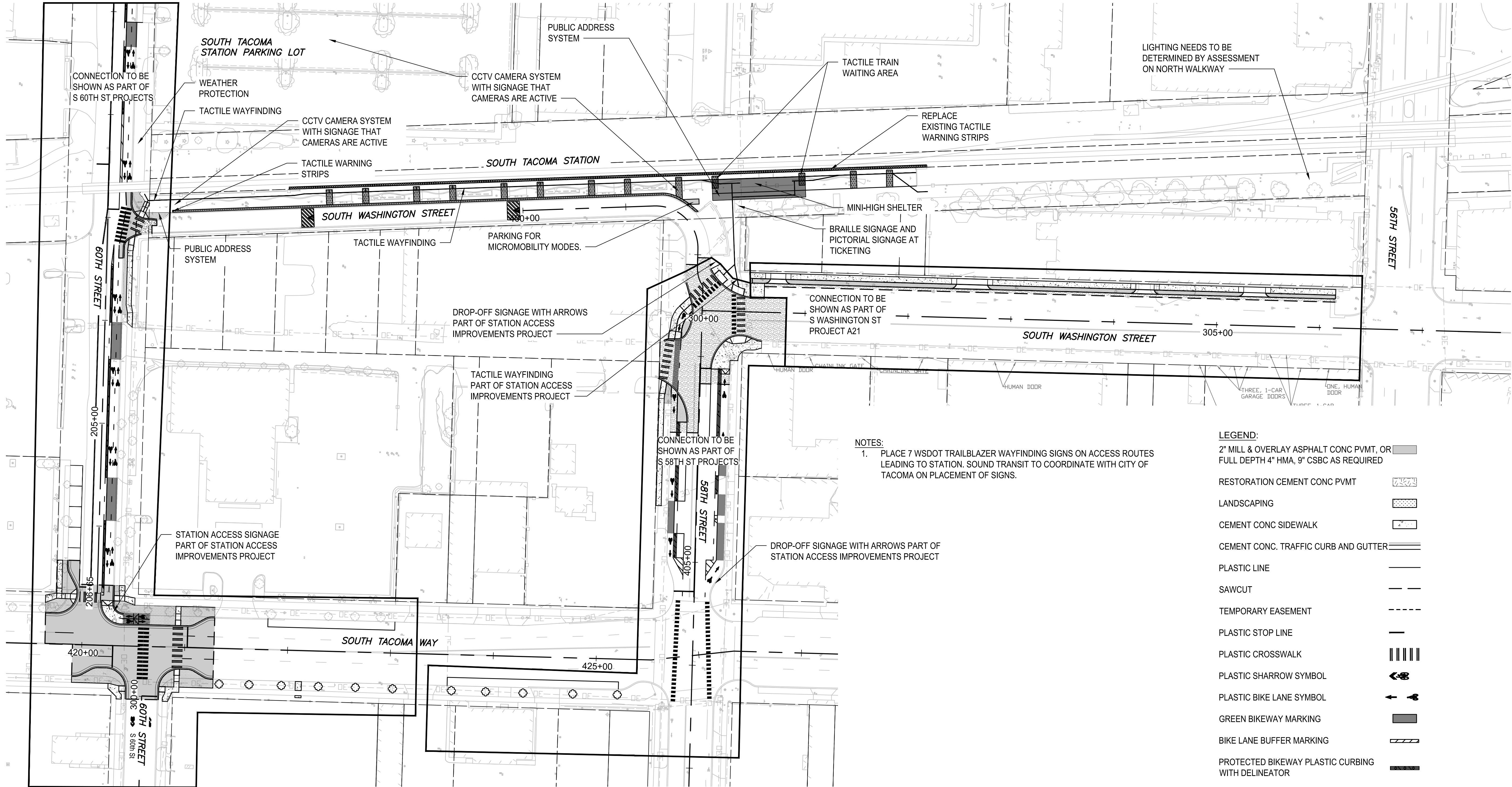
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	#####
DRAWN BY:	B. WILLIAMS
CHECKED BY:	R. PARKER
APPROVED BY:	B. AGAN

						SCALE: 1"=40'	SOUTH TACOMA STATION IMPROVEMENTS PHASE 2 CIVIL ADDITIONAL PARKING CITY OF TACOMA		DRAWING No.: 052-CRP013
SUBMITTED BY: T. GONZALES		DATE: 6/15/2023		REVIEWED BY: K. YOUSSEF		FILENAME: STRA-20-CRP011-20			FACILITY ID: ###
						CONTRACT No.: RTA/LR #			SHEET No.: #
						DATE: 06/15/2023			REV: ####

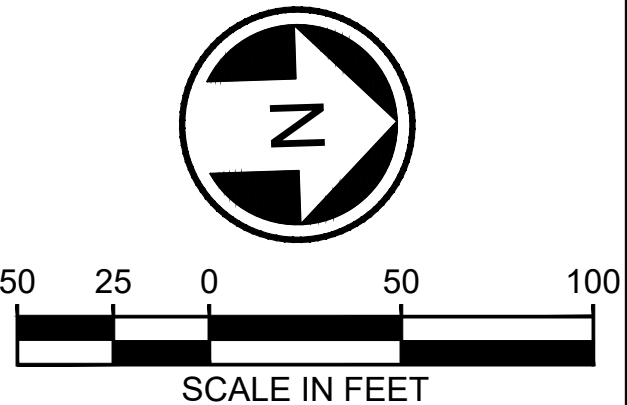
Xrefs:
xSTRA-VRX001
ST-TB22x34
xSTRA-VSF001
xSTRA-SURF
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP002
xSTRA-VOP004
xSTRA-50-CRP500
STRA-GEN-SHINOTES
xSTRA-40-CRP400
xSTRA-30-CRP300
xSTRA-10-CRP100
xSTRA-20-CRP200

06/16/23 | 8:14 AM | WILLIBRE
U:\PROJECTS\CLIENTS\3012-DEA\554-3012-052 SOUTH TACOMA\STATION\PH02\98SVCS\CADD\DWG\STRA-44-CRP043-48.DWG



NOTES:
1. PLACE 7 WSDOT TRAILBLAZER WAYFINDING SIGNS ON ACCESS ROUTES LEADING TO STATION. SOUND TRANSIT TO COORDINATE WITH CITY OF TACOMA ON PLACEMENT OF SIGNS.

- LEGEND:
- 2" MILL & OVERLAY ASPHALT CONC PVMT, OR FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED
 - RESTORATION CEMENT CONC PVMT
 - LANDSCAPING
 - CEMENT CONC SIDEWALK
 - CEMENT CONC. TRAFFIC CURB AND GUTTER
 - PLASTIC LINE
 - SAWCUT
 - TEMPORARY EASEMENT
 - PLASTIC STOP LINE
 - PLASTIC CROSSWALK
 - PLASTIC SHARROW SYMBOL
 - PLASTIC BIKE LANE SYMBOL
 - GREEN BIKEWAY MARKING
 - BIKE LANE BUFFER MARKING
 - PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR
 - DELINEATOR
 - PLASTIC BIKE CROSSING
 - SINGLE DASH LINE BIKE LANE STRIPING
 - HMA SPEED HUMP AND SPEED HUMP SYMBOL
 - LOW PROFILE PLASTIC CURBING
 - LOW PROFILE PLASTIC CURBING WITH DELINEATORS



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	<div>DESIGNED BY: J. CROFOOT</div> <div>DRAWN BY: B. WILLIAMS</div> <div>CHECKED BY: R. PARKER</div> <div>APPROVED BY: B. AGAN</div>		<div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>2106 Pacific Ave East Suite 400 Tacoma Washington 98424 Phone: 253.922.9781</div></div> <div>LINE IS 1" AT FULL SCALE</div> <div><div>SOUNDTRANSIT</div></div>	SCALE: 1"= 50'	<div>SOUTH TACOMA STATION IMPROVEMENTS</div> <div>PHASE 2</div> <div>CIVIL</div> <div>STATION ACCESS IMPROVEMENTS</div> <div>CITY OF TACOMA</div>			DRAWING No.: 052-CRP014	
				FILENAME: STRA-44-CRP043-48				FACILITY ID: ###	
				CONTRACT No.: RTA/LR #				SHEET No.: REV:	
	DATE: 06/14/2023	# #####							
SUBMITTED BY: T. GONZALES		DATE: 6/14/2023	REVIEWED BY: K. YOUSSEF		DATE: #				

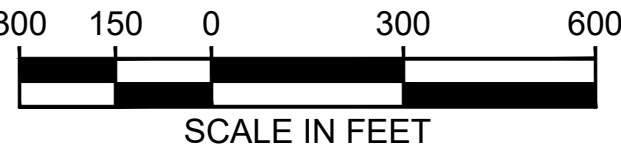
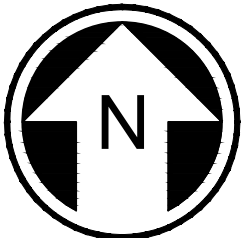
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xSTRA-10-CRP100
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xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-VRX001
xSTRA-SW-RAMP

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- NOTES:
1. ADA RAMP UPDATES AND SIDEWALK IMPROVEMENTS IDENTIFIED THROUGH CITY OF TACOMA MAPS AND GOOGLE EARTH IMAGES AND EXCLUDES ADA RAMP AND SIDEWALK IMPROVEMENTS TO BE INCLUDED ON OTHER SOUNDER ACCESS PROJECTS.
 2. NEW RAMPS: 36
UPDATE EXISTING RAMPS: 3
NEW SIDEWALK: 3988 LF

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							FILENAME: STRA-SW-RAMP				FACILITY ID: ###	
							CONTRACT No.: RTA/LR #				SHEET No.: #	
							DATE: 06/16/2023				REV: ###	
	SUBMITTED BY: T. GONZALES		DATE: 6/16/2023	REVIEWED BY: K. YOUSSEF		DATE: #						

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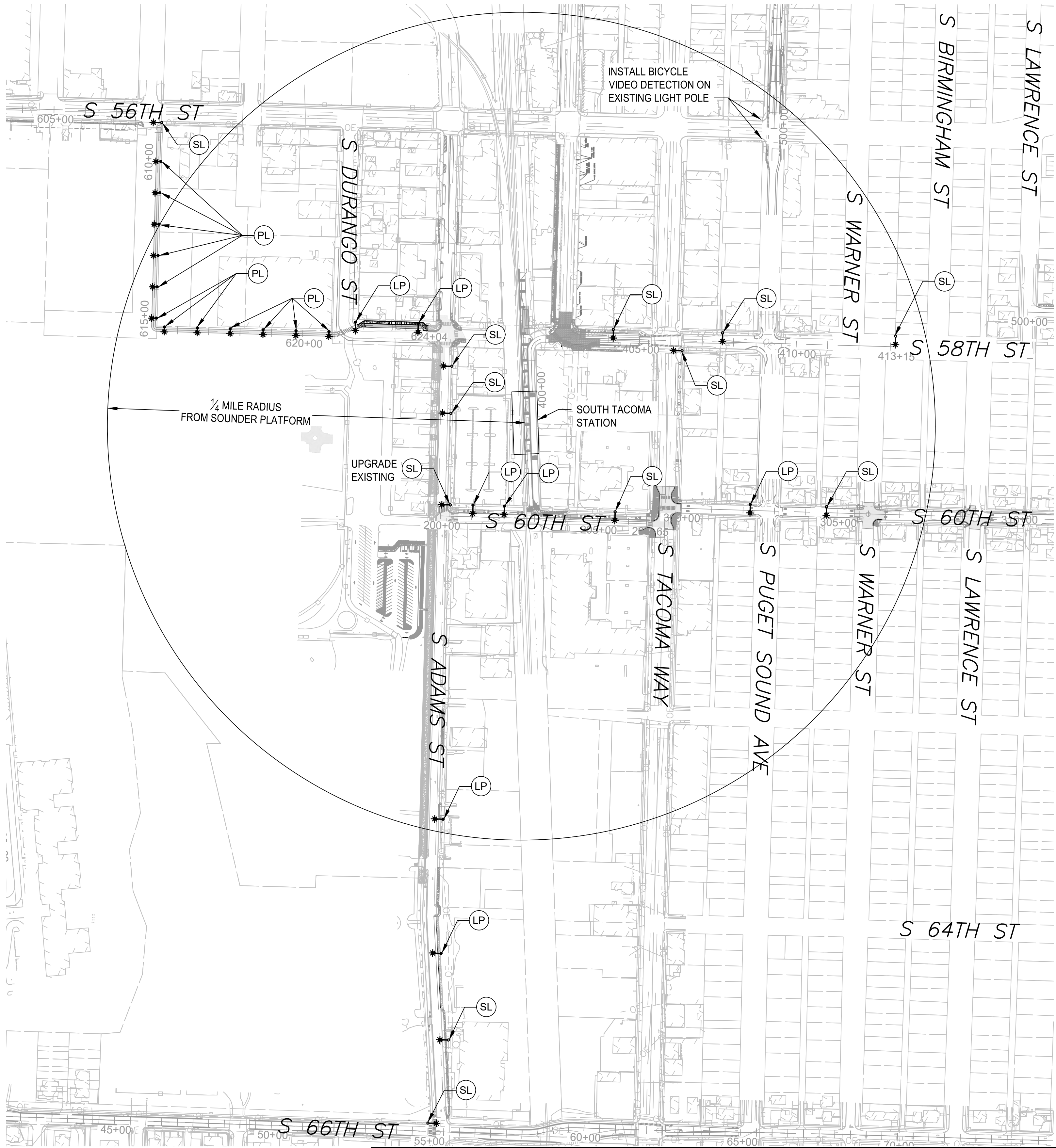
SUBMITTED BY:
T. GONZALES

DATE:
6/16/2023

REVIEWED BY:
K. YOUSSEF

DATE:
#

Xrefs:
ST-TB22x34
xSTRA-VOP002
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP004
xSTRA-SURF
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-VRX001
xSTRA-SW-RAMP
SouthTacoma_SIGNAL_Working
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xSTRA-50-CRP500
xSTRA-ELECTRICAL



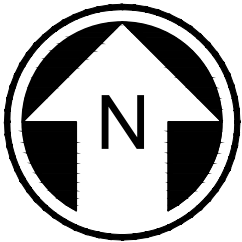
STREET LIGHT IMPROVEMENT (SLI) NOTES:

1. ADDING STREET LIGHTING ON PRIORITY ROADWAYS WITHIN $\frac{1}{4}$ MILE OF STATION , AND BEYOND ON S ADAMS ST TO S 66TH ST.
2. PRIORITY ROADWAYS CONSIDERED TO S 58TH ST , S 60TH ST AND S ADAMS ST (S 58TH ST TO S 60TH ST).
3. S PUGET SOUND IS A DESIGNATED BIKE ROUTE AND HAS EXISTING BIKE LANES. IT ALREADY HAS TPU STREET LIGHTS ON ALL AVAILABLE TPU POLES.
4. S TACOMA WAY IS NOT A DESIGNATED BIKE ROUTE, BUT IS ALREADY CONTINUOUSLY ILLUMINATED (ON LIGHT STANDARDS ON THE WEST SIDE, AND MOST TPU POLES ON THE EAST SIDE).
5. STREET LIGHTS ADDED ON EXISTING TPU POLE WHERE PRESENT, AND ADDING TPU LIGHT POLES WHERE THERE ARE NOTICEABLE GAPS.
6. SUGGESTED UPGRADES DO NOT REFLECT IN FULL STANDARD CONTINUOUS ILLUMINATION.
7. FULL STANDARD CONTINUOUS ILLUMINATION WOULD LIKELY REQUIRE SYSTEMS OF STAND-ALONE LIGHT STANDARDS AND BE SUBSTANTIALLY MORE COSTS THAN BUDGET ESTABLISHED DURING 10% PHASE.
8. ADD PEDESTRIAN LEVEL LIGHTING ALONG PROPOSED PEDESTRIAN CORRIDOR BETWEEN INTERSECTIONS AT S 58TH/DURANGO AND C 56TH/MADISON. ASSUMED ADDED PEDESTRIAN LIGHTS ON NEW TPU POLES - APPROX. 20FT MOUNTING HEIGHT.

KEY:

- = ADD STREET LIGHT TO EXISTING TPU LIGHT
- = ADD NEW TPU LIGHT POLE WITH STREET LIGHT
- = ADD TPU POLE WITH PEDESTRIAN LIGHT

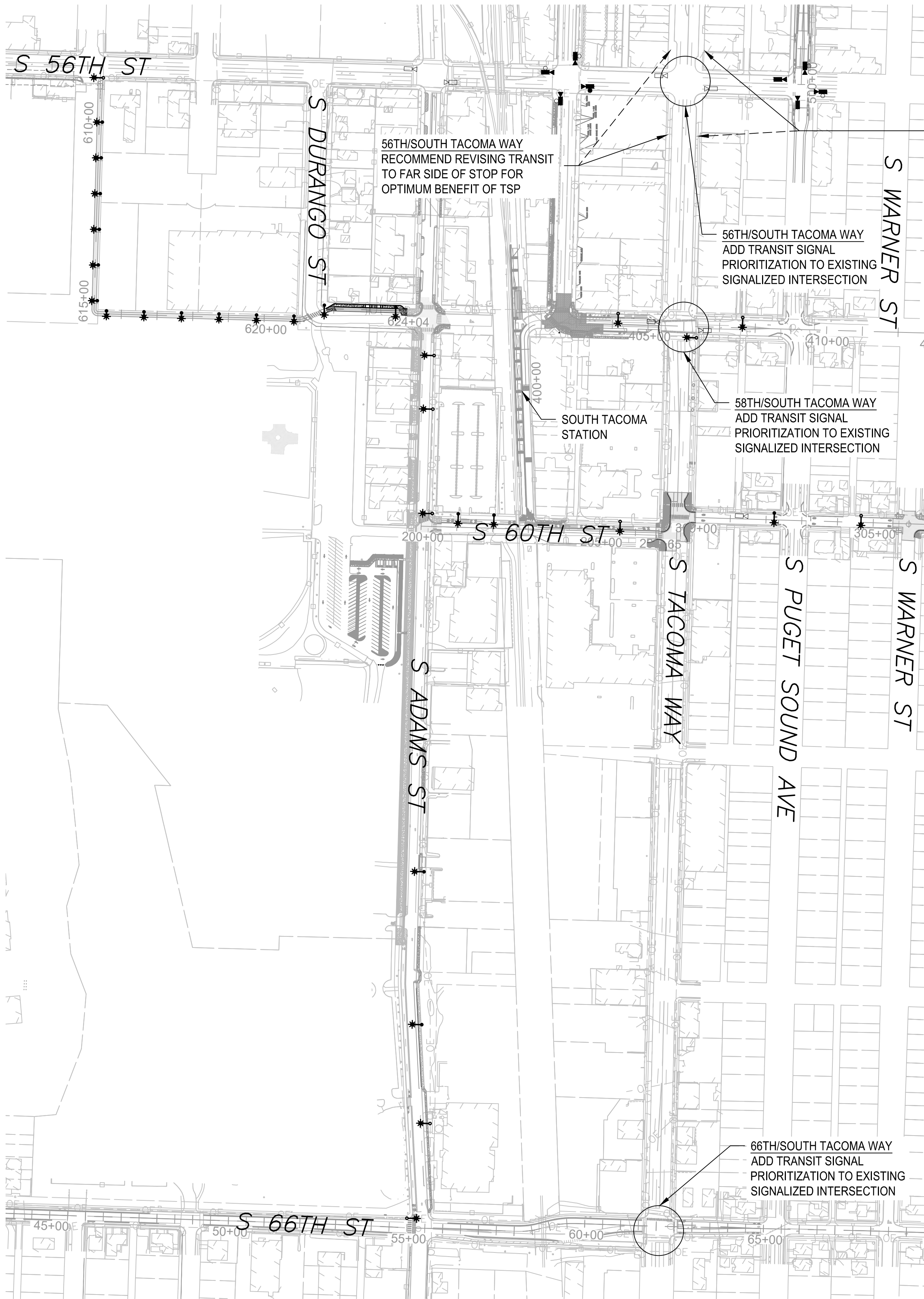
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<div><div>SUBMITTED BY: T. GONZALES</div><div>DATE: 6/12/2023</div><div>REVIEWED BY: K. YOUSSEF</div><div>DATE: #</div></div>						<div><div><div>SCALE: 1"= 200'</div><div>FILENAME: STRA-ELECTRICAL</div><div>CONTRACT No.: RTA/LR #</div><div>DATE: 06/12/2023</div></div><div><div><div>SOUTH TACOMA STATION IMPROVEMENTS</div><div>PHASE 2</div><div>BIKE DETECTION, LPI & STREET LIGHTING IMPROVEMENTS</div><div>CITY OF TACOMA</div></div></div></div>					
						<div><div>DRAWING No.: 052-CRP016</div><div>FACILITY ID: ###</div><div>SHEET No.: #</div><div>REV: ####</div></div>					

Xrefs:
ST-TB22x34
xSTRA-VOP002
xSTRA-VOP001
xSTRA-VOP003
xSTRA-VOP004
xSTRA-SURF
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-VRX001
xSTRA-SW-RAMP
SouthTacoma_SIGNAL_Working
xSTRA-10-CRP100
xSTRA-20-CRP200
xSTRA-30-CRP300
xSTRA-40-CRP400
xSTRA-50-CRP500
xSTRA-ELECTRICAL

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NOTES

1. ADDING OPTICOM 3100 GPS PREEMPTION DETECTION AT THREE INTERSECTIONS.
2. ASSUMES PIERCE TRANSIT COACHES ALREADY EQUIPPED WITH OPTICOM LOW-PRIORITY PREEMPTION KITS.
3. CITY TO VERIFY CONTROLLERS CAPABILITY SUPPORTING TRANSIT SIGNAL PRIORITY (TSP) OPERATIONS.
4. PROJECT IMPLEMENTATION WILL INCLUDE TRAFFIC OPERATIONS ANALYSIS, RE-TIMING OF TRAFFIC SIGNALS AND COORDINATION WITH PIERCE TRANSIT.

BIKE DETECTION NOTES:

1. ADDING BIKE DETECTION ON EXISTING DESIGNATED BIKE ROUTES.
2. EXCLUSIVES N-S ADAMS AND S TACOMA WAY.
3. EXISTING CAMERAS WILL BE UPGRADED TO AI BIKE-CAPABLE DETECTORS - FLIR TRAFFISENSE AI OR EQUIVALENT.
4. ADDING AI BIKE-CAPABLE DETECTORS TO REPLACE LOOP DETECTORS WHERE BIKE DETECTION IS REQUIRED.

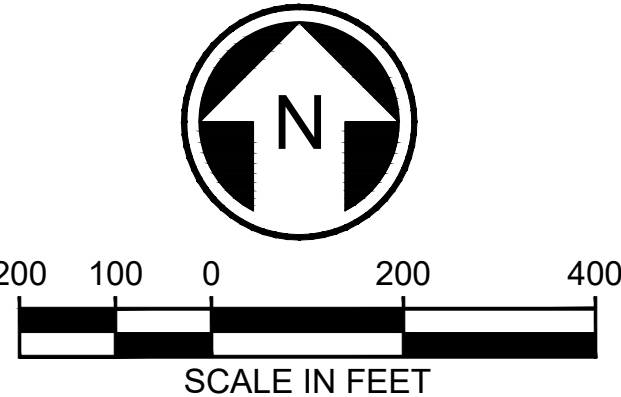
LEADING PEDESTRIAN INTERVAL (LPI) NOTES:

1. CITY TO VERIFY CONTROLLERS CAPABILITY TO RUN LPI.
2. OLDER CABINETS ON 56TH AT WASHINGTON, S TACOMA AND PUGET SOUND.
3. NEED TRAFFIC INPUT TO WHERE BLANK-OUT SIGNS FOR NO RIGHT TURN ON RED (VS. STATIC SIGN).
4. NO APS UPGRADES NEEDED, ALL LOCATIONS ALREADY HAVE APS.
5. ASSUME WITH APS PRESENT, PEDESTRIANS SIGNALS AREA ALREADY UPGRADED TO HAVE COUNTDOWN.

KEY:

- UPGRADE EXISTING VIDEO DETECTOR TO BIKE-CAPABLE DETECTOR
- ADD BIKE-CAPABLE DETECTOR ON EXISTING SIGNAL/LUMINAIRE MAST ARM
- ADD BIKE-CAPABLE DETECTOR ON EXISTING SIGNAL STRAIN POLE
- ADD BIKE-CAPABLE DETECTOR ON NEW DETECTOR POLE (UPGRADE EXISTING PEDESTRIAN SIGNAL POLE)
- (SL) = ADD STREET LIGHT TO EXISTING TPU LIGHT
- (LP) = ADD NEW TPU LIGHT POLE WITH STREET LIGHT
- (PL) = ADD TPU POLE WITH PEDESTRIAN LIGHT

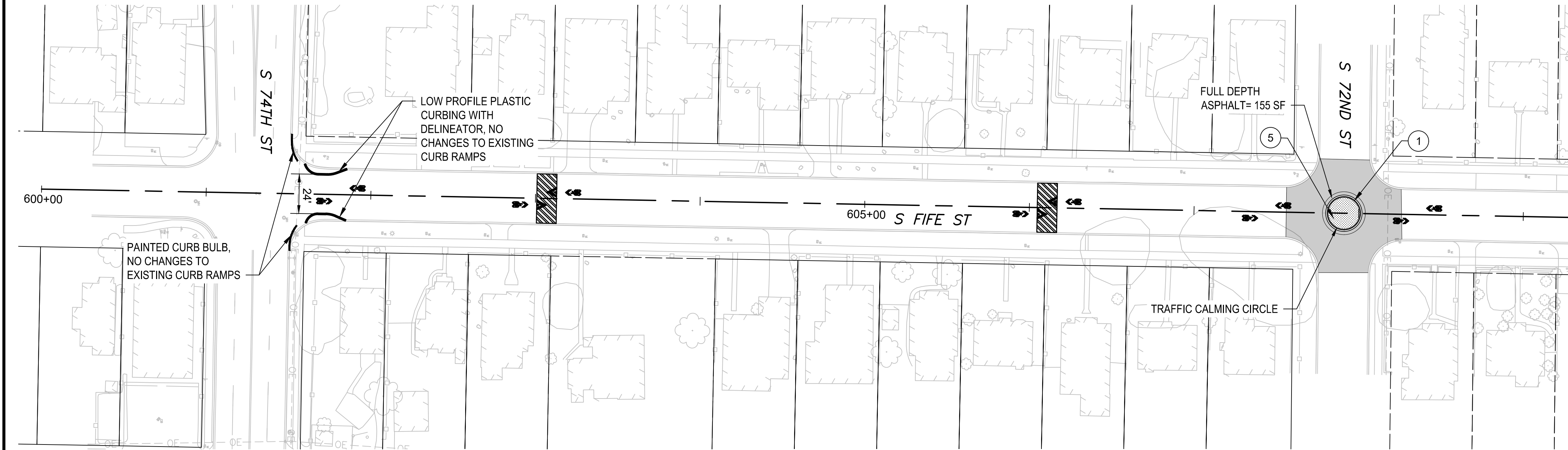
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						DRAWN BY: B. WILLIAMS														FACILITY ID: ###							
						CHECKED BY: R. PARKER														SHEET No.: #							
						APPROVED BY: B. AGAN		DATE: #		DATE: 06/12/2023		REV: ####															
No.	DATE	DSN	CHK	APP	REVISION			SUBMITTED BY: T. GONZALES		DATE: 6/12/2023		REVIEWED BY: K. YOUSSEF															

Xrefs:
xSTRA-VRX001
xSTRA-30-CRP300
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-40-CRP400
GB-TB22x34

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CONSTRUCTION NOTES:

- 1 INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
- 2 INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
- 3 NOT USED.
- 4 INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
- 5 INSTALL PLANTER STRIP .
- 6 INSTALL RETAINING WALL.
- 7 INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
- 8 NOT USED.
- 9 NOT USED.
- 10 INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
- 11 INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
- 12 INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
- 13 INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

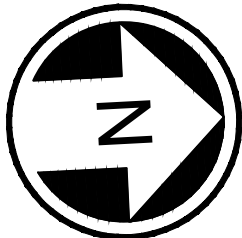
GENERAL NOTES:

- 1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
- 2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
- 3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
- 4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
- 5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
- 6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:



2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

- RESTORATION CEMENT CONC PVMT
- LANDSCAPING
- CEMENT CONC SIDEWALK
- CEMENT CONC. TRAFFIC CURB AND GUTTER
- PLASTIC LINE
- SAWCUT
- TEMPORARY EASEMENT
- PLASTIC STOP LINE
- PLASTIC CROSSWALK
- PLASTIC SHARROW SYMBOL
- PLASTIC BIKE LANE SYMBOL
- GREEN BIKEWAY MARKING
- BIKE LANE BUFFER MARKING
- PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR
- DELINEATOR
- PLASTIC BIKE CROSSING
- SINGLE DASH LINE BIKE LANE STRIPING
- HMA SPEED HUMP AND SPEED HUMP SYMBOL
- LOW PROFILE PLASTIC CURBING
- LOW PROFILE PLASTIC CURBING WITH DELINEATORS



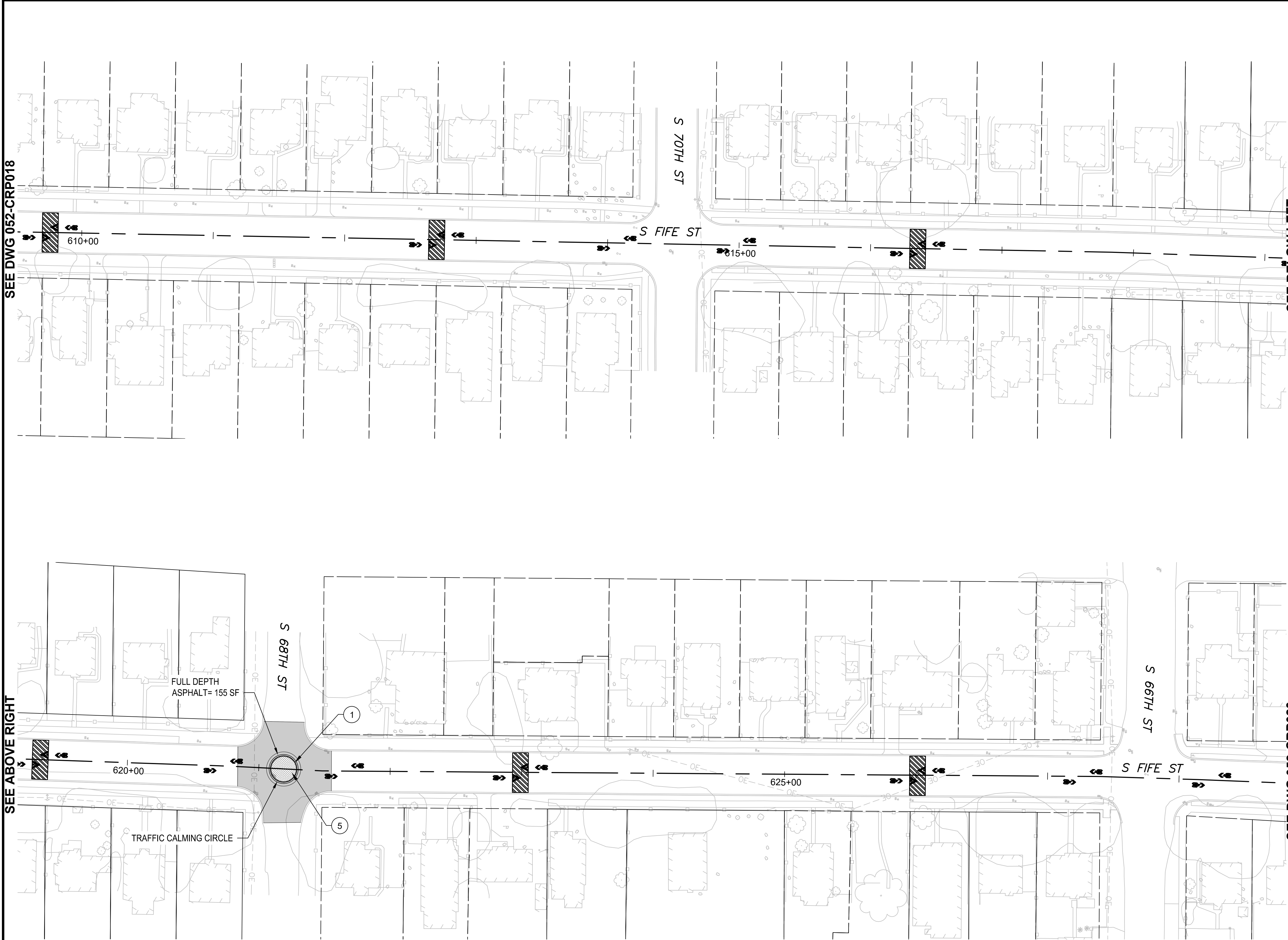
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						DRAWN BY: B. WILLIAMS
						CHECKED BY: R. PARKER
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							FILENAME: STRA-30-CRP021-32					FACILITY ID: ###	
							CONTRACT No.: RTA/LR #					SHEET No.: REV: # #####	
	DATE: 06/16/2023	SUBMITTED BY: T. GONZALES		DATE: 6/16/2023		REVIEWED BY: K. YOUSSEF						DATE: #	

Xrefs:
xSTRA-VRX001
xSTRA-30-CRP300
xSTRA-VOP001
xSTRA-VOP002
xSTRA-VOP003
xSTRA-VOP004
xSTRA-VSF001
STRA-GEN-SHTNOTES
xSTRA-40-CRP400
GB-TB22x34

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CONSTRUCTION NOTES:

1. INSTALL CEMENT CONCRETE CURB AND GUTTER PER CITY OF TACOMA STD PLAN. SU-03.
2. INSTALL CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STD PLAN. SU-04.
3. NOT USED.
4. INSTALL CEMENT CONCRETE DRIVEWAY APPROACH PER CITY OF TACOMA STD PLAN. SU-07.
5. INSTALL PLANTER STRIP .
6. INSTALL RETAINING WALL.
7. INSTALL PEDESTRIAN HANDRAIL FOR FALL PROTECTION.
8. NOT USED.
9. NOT USED.
10. INSTALL PERPENDICULAR CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05A.
11. INSTALL PARALLEL CURB RAMP TYPE 'A', PER CITY OF TACOMA STD PLAN SU-05D.
12. INSTALL SINGLE DIRECTION CURB RAMP, PER CITY OF TACOMA STD PLAN SU-05F.
13. INSTALL PERPENDICULAR CURB RAMP TYPE 'B', PER CITY OF TACOMA STD PLAN SU-05B.

GENERAL NOTES:

1. SEE DRAWING NOS. 052-GZN001 - 052-GZN003 FOR CITY OF TACOMA AND SOUND TRANSIT GENERAL NOTES.
2. REPLACE ALL EXISTING UTILITY LIDS WITHIN BICYCLE AND PEDESTRIAN FACILITIES WITH ANTI SLIP LID.
3. CENTERLINE ALIGNMENTS GENERATED BY GIS RIGHT-OF-WAY LINES, NO FIELD SURVEY WAS CONDUCTED TO VERIFY ALIGNMENTS.
4. MAILBOXES IN CONFLICT WITH WORK TO BE RELOCATED.
5. STREET LIGHTING IMPROVEMENTS ON PRIORITY ROADWAYS, SEE SHEET 51.
6. STANDARD BIKE WAYFINDING SIGNAGE TO BE INCLUDED AS NECESSARY.

LEGEND:

2" MILL & OVERLAY ASPHALT CONC PVMT, OR
FULL DEPTH 4" HMA, 9" CSBC AS REQUIRED

RESTORATION CEMENT CONC PVMT	
LANDSCAPING	
CEMENT CONC SIDEWALK	
CEMENT CONC. TRAFFIC CURB AND GUTTER	
PLASTIC LINE	
SAWCUT	
TEMPORARY EASEMENT	
PLASTIC STOP LINE	
PLASTIC CROSSWALK	
PLASTIC SHARROW SYMBOL	
PLASTIC BIKE LANE SYMBOL	
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BIKE LANE BUFFER MARKING	
PROTECTED BIKEWAY PLASTIC CURBING WITH DELINEATOR	
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HMA SPEED HUMP AND SPEED HUMP SYMBOL	
LOW PROFILE PLASTIC CURBING	
LOW PROFILE PLASTIC CURBING WITH DELINEATORS	

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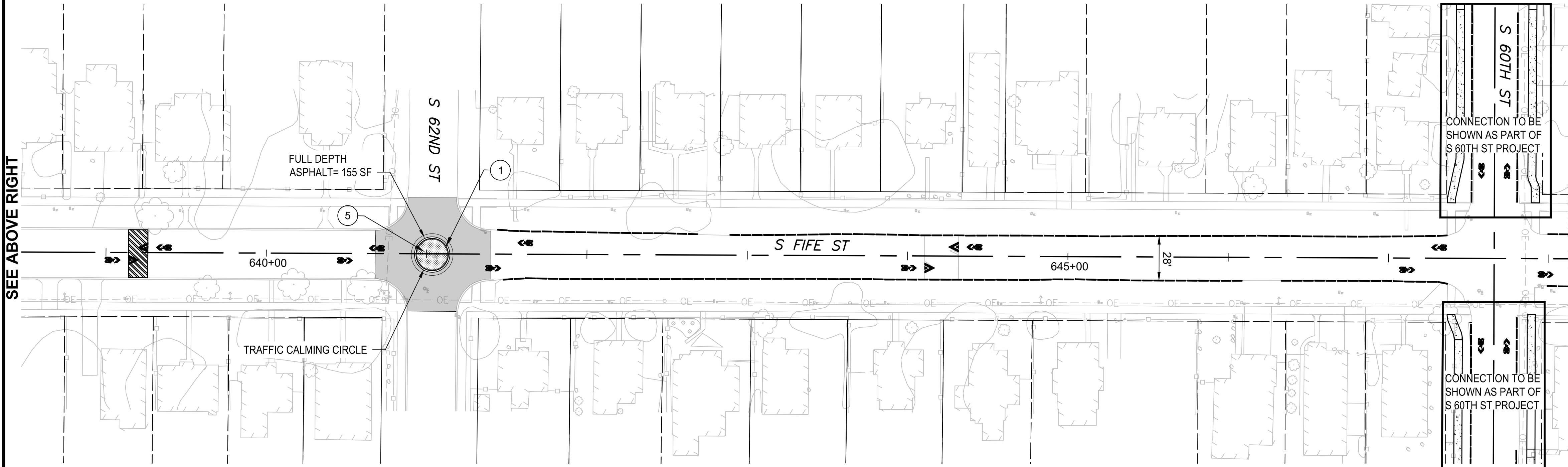
SCALE IN FEET

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						CHECKED BY: R. PARKER
						APPROVED BY: B. AGAN
No.	DATE	DSN	CHK	APP	REVISION	

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40 20 0 40 80

SCALE IN FEET

Legend:
 - Dashed line with a central dot
 - Solid line with a central dot
 - Solid line

DRAWING No.:	
052-CRP020	
FACILITY ID:	
###	
SHEET No.:	REV:
#	####