

CITY OF COOS BAY
Agenda Staff Report

MEETING DATE	AGENDA ITEM NUMBER
March 3, 2015	

TO: Mayor Shoji and City Councilors

FROM: Jim Hossley, Public Works Director *JH*

Through: Rodger Craddock, City Manager *JH for RC*

ISSUE: Traffic striping plan for 4th Street and Lockhart Avenue

BACKGROUND:

The City partnered with ODOT last September to restripe 4th Street as well as Lockhart Avenue because the traffic markings had worn off the asphalt making it difficult for motorists to determine lane location, stop bars, and turning lanes. There were four changes made to the existing traffic markings:

- 1.) Adjustments to traffic lane alignment on 4th Street south of Anderson Avenue to better line up travel lanes through intersections.
- 2.) Per ODOT recommendation, two directional arrows were painted on southbound 4th Street where it transitions from two-lane to one-lane between Curtis and Donnelly Avenues. This is consistent with the Manual on Uniform Traffic Control Devices (MUTCD) which dictates national standards for traffic markings and signage.
- 3.) The stop sign was removed from the westbound lane of Lockhart Avenue at 4th Street.
- 4.) A turning lane was added to eastbound Lockhart Avenue at 4th Street.

Work left to be done on traffic improvements to 4th Street is the installation of pedestrian activated flashers at the Bennett Avenue crosswalk.

ADVANTAGES:

One of the most important aspects of a safe and efficient roadway is the uniform application of pavement markings to delineate the roadway path and specific traffic lanes. Pavement markings can communicate information to road users like no other traffic control device. They provide continuous information to road users related to the roadway alignment, vehicle positioning, and other important driving-related tasks.

DISADVANTAGES:

None

BUDGET IMPLICATIONS:

The striping was funded out of the Gas Tax Fund, 02-320-520-2222, Traffic Safety Materials.

RELATED CITY GOAL:

Maintain and improve the City's physical infrastructure and provide quality services for current and future citizens

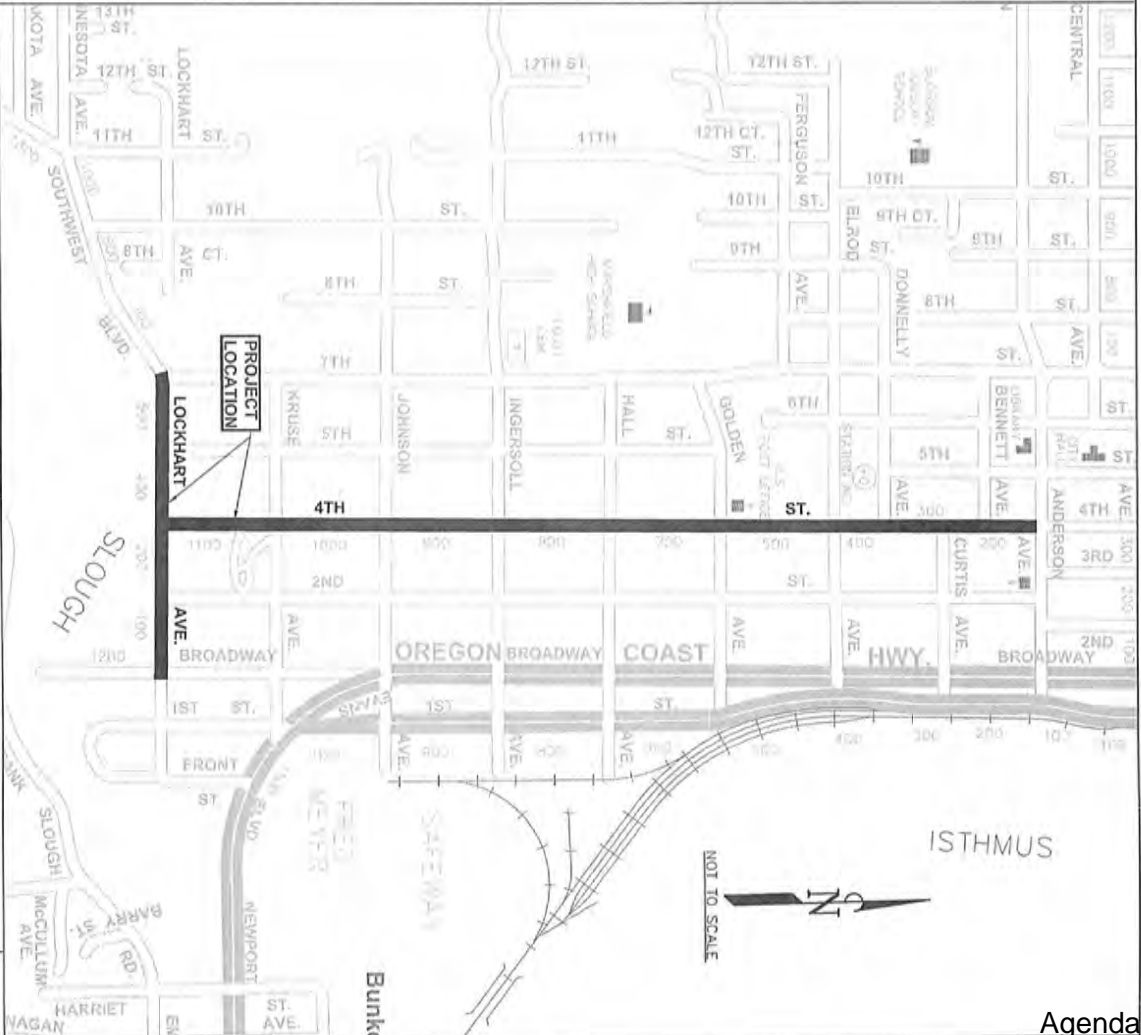
ACTION REQUESTED:


Informational

ATTACHMENT:

Traffic Marking Plan

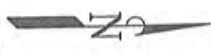
- NOTES:
- 1) WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF OREGON DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, SIGN SPECIFICATION SHEETS, THE 2009 EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE 2009 MUTCD OREGON SUPPLEMENT, UNIFORM VEHICLE CODE (UVC) AND MODEL TRAFFIC ORDINANCE OR WITH THE LATEST EDITIONS.
 - 2) REMOVAL OF EXISTING PAVEMENT MARKINGS (PAINTED, THERMOPLASTIC, RAISED BUTTONS, OR OTHER DURABLE MATERIALS) ARE ONLY TO BE REMOVED IN AREAS WHERE THE STRIPING DETAIL IS TO BE CHANGED FROM THE EXISTING DETAIL. LOCATION OF REMOVAL OF PAVEMENT MARKINGS SHALL BE FIELD VERIFIED.
 - 3) ALL PAVEMENT MARKING MATERIAL SHALL BE INSTALLED AS PER SECTION 2840 OF THE ODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
 - 4) ALL PAINT AND PAVEMENT MARKINGS SHALL BE FROM THE ODOT QUALIFIED PRODUCTS LISTING.
 - 5) THESE PLANS ARE ACCURATE FOR SIGNING AND STRIPING ONLY.
 - 6) ALL BICYCLE LANE STENCILS, CURB BIKE LANE STRIPING, LEFT TURN INTERIOR STRIPE SHALL BE WHITE (SEE NOTE 4). ALL STOP BARS & CROSSWALKS SHALL BE TYPE "B" PREFORMED, FUSED, THERMOPLASTIC FILM PAVEMENT MARKING MATERIAL. THE CENTRAL STRIPE SHALL BE YELLOW WITH RETROREFLECTIVE MATERIAL.
 - 6) ALL PAVEMENT AREA TO BE PAINTED SHALL BE THOROUGHLY CLEANED, CLEANING SHALL BE DONE BY HAND BROOMS, ROTARY BROOMS, AIR BLAST, SCRAPPERS OR WHATEVER COMBINATION OF EQUIPMENT IS NECESSARY TO CLEAN THE PAVEMENT WITHOUT DAMAGES TO THE SURFACE OF THE PHYSICAL CONDITION OF THE SURFACE MATERIAL.
 - 7) THE NEWLY PAINTED STRIPES SHALL BE PROTECTED SO THAT, INsofar AS POSSIBLE, PAINT WILL NOT BE PICKED UP BY THE TIRES OF PASSING VEHICLES. WARNING SIGNS SHALL BE PLACED AT THE BEGINNING OF THE WET LINE AND AT POINTS WELL IN ADVANCE OF THE MARKING EQUIPMENT. DAMAGED PORTIONS OF STRIPES SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR WITHOUT EXTRA COST TO THE CITY.
 - 8) THE CONTRACTOR WILL BE RESPONSIBLE FOR THE TRAFFIC CONTROL PLAN AND SUBMIT IT TO THE CITY PRIOR TO START OF WORK.
 - 9) OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THRU 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987 OR 1-800-332-2344.
 - 10) ALL NEW SIGNAGE SHALL BE PER MUTCD STANDARDS AND SHALL MEET ODOT SPECIFICATIONS, SPECIFICALLY SECTIONS 00910 - WOOD SIGN POSTS, 00930 - METAL SIGN SUPPORTS AND 00940 - SIGNS. SIGNS SHALL BE ALUMINUM UNLESS OTHERWISE SPECIFIED.



PREPARED FOR: STREETS DIVISION		STRIPING PLAN - LOCKHART AVE & 4TH ST. CITY OF COOS BAY	DRAWING NO.
PREPARED BY: JESSICA SPANN			1 OF 9
APPROVED & CHECKED BY: JENNIFER WINSING		GENERAL NOTES & VICINITY MAP	DATE
			5-5-2014

- NOTES:
- A) REPAINT CURBING YELLOW. VERIFY LIMITS OUT IN FIELD. REFER TO DRAWING 1 FOR FURTHER NOTES.
 - B) ALL STOPBARS NEED TO BE REPLACED. ON THIS SHEET THERE ARE THREE (3).
 - C) THE ROAD IS 40 FT IN WIDTH FROM STA 0+00 TO STA 3+30. THAN TRANSITIONS TO 44 FT IN WIDTH AT STA 3+30 TO STA 3+60.

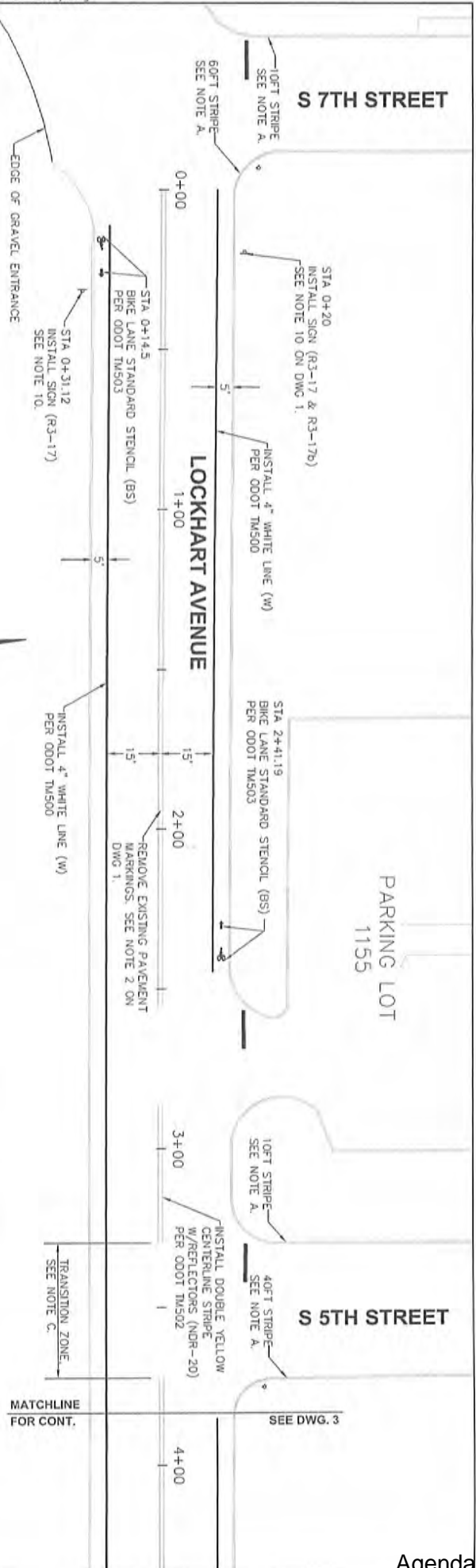
SCALE: 1"=30'



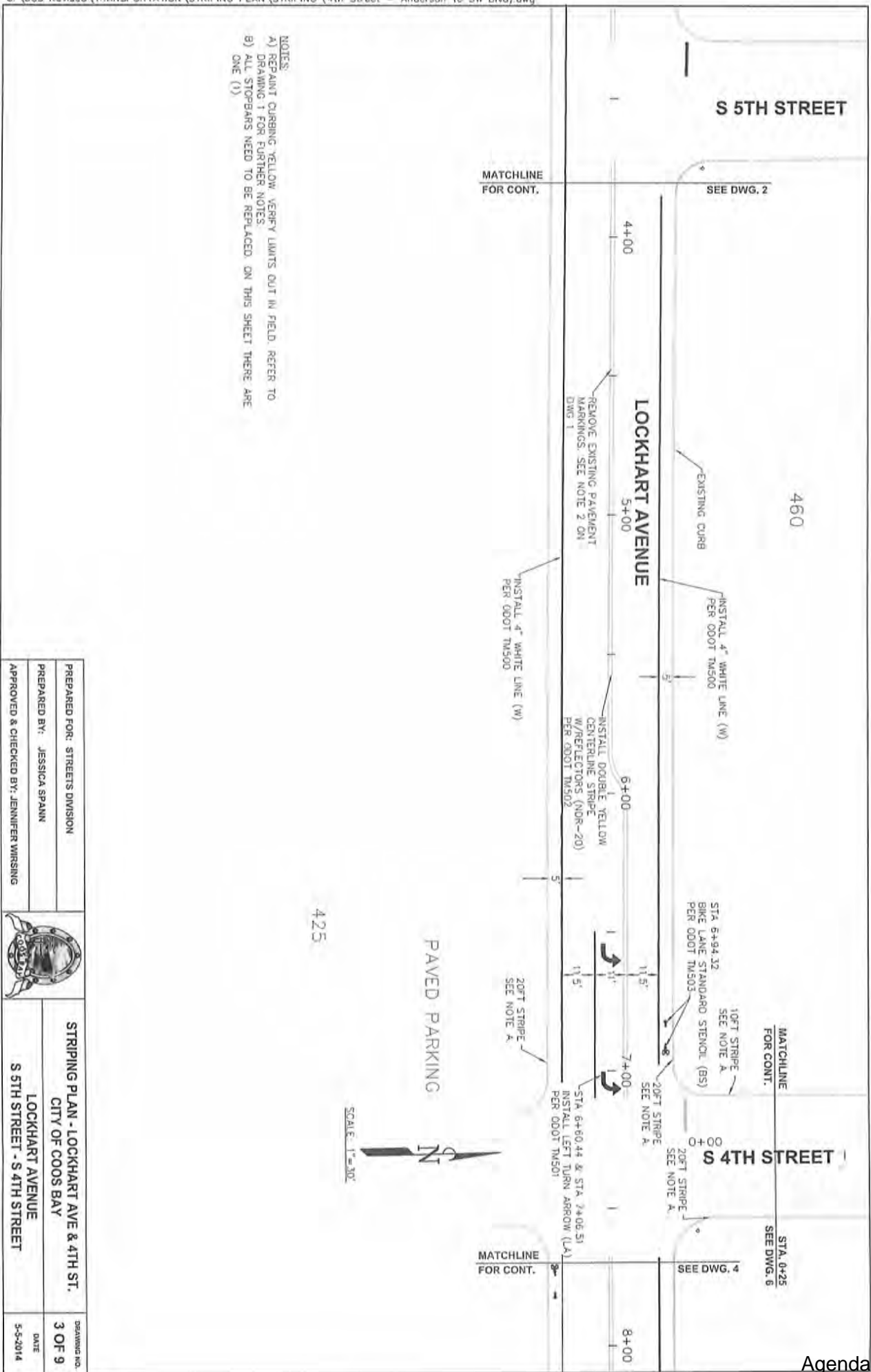
555

PAVED PARKING

MATCHLINE FOR CONT.



PREPARED FOR: STREETS DIVISION		STRIPING PLAN - LOCKHART AVE & 4TH ST. CITY OF COOS BAY	DRAWING NO. 2 OF 9
PREPARED BY: JESSICA SPAN			
APPROVED & CHECKED BY: JENNIFER WINSING		LOCKHART AVENUE S 7TH STREET - S 5TH STREET	



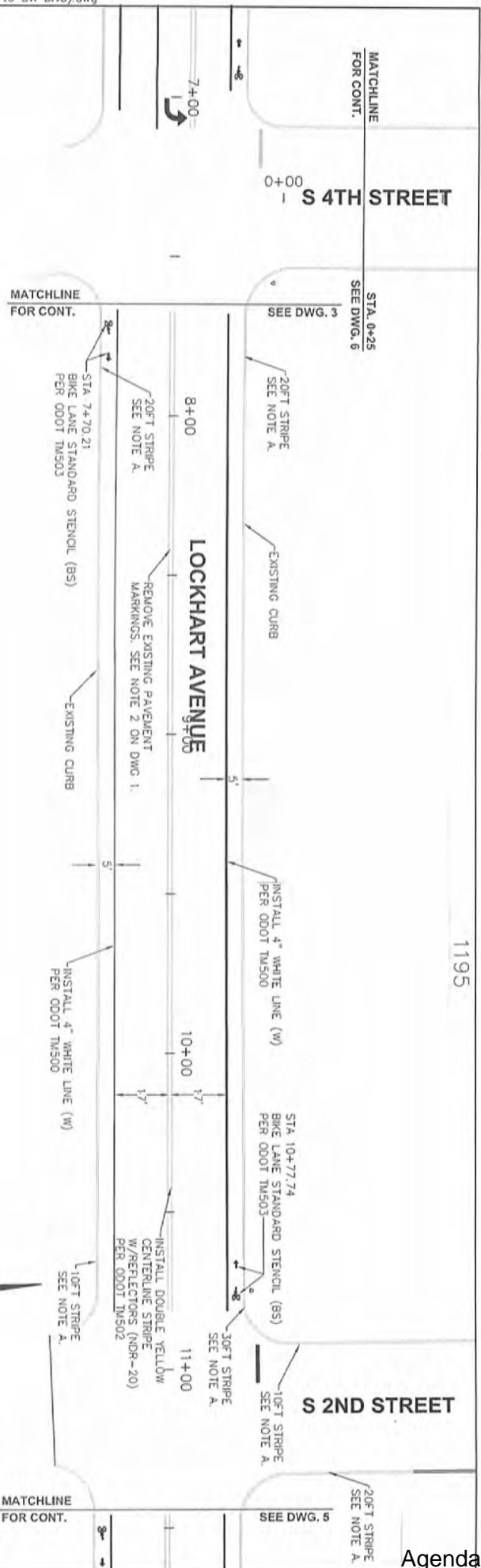
PREPARED FOR: STREETS DIVISION
 PREPARED BY: JESSICA SPANN
 APPROVED & CHECKED BY: JENNIFER WINSING



STRIPING PLAN - LOCKHART AVE & 4TH ST.
 CITY OF COOS BAY
 LOCKHART AVENUE
 S 5TH STREET - S 4TH STREET

DRAWING NO.
3 OF 9
 DATE
 5-5-2014

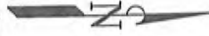
- NOTES:
 A) REPAINT CURBING YELLOW. VERIFY LIMITS OUT IN FIELD. REFER TO DRAWING 1 FOR FURTHER NOTES.
 B) ALL STOPBARS NEED TO BE REPLACED ON THIS SHEET THERE ARE ONE (1).



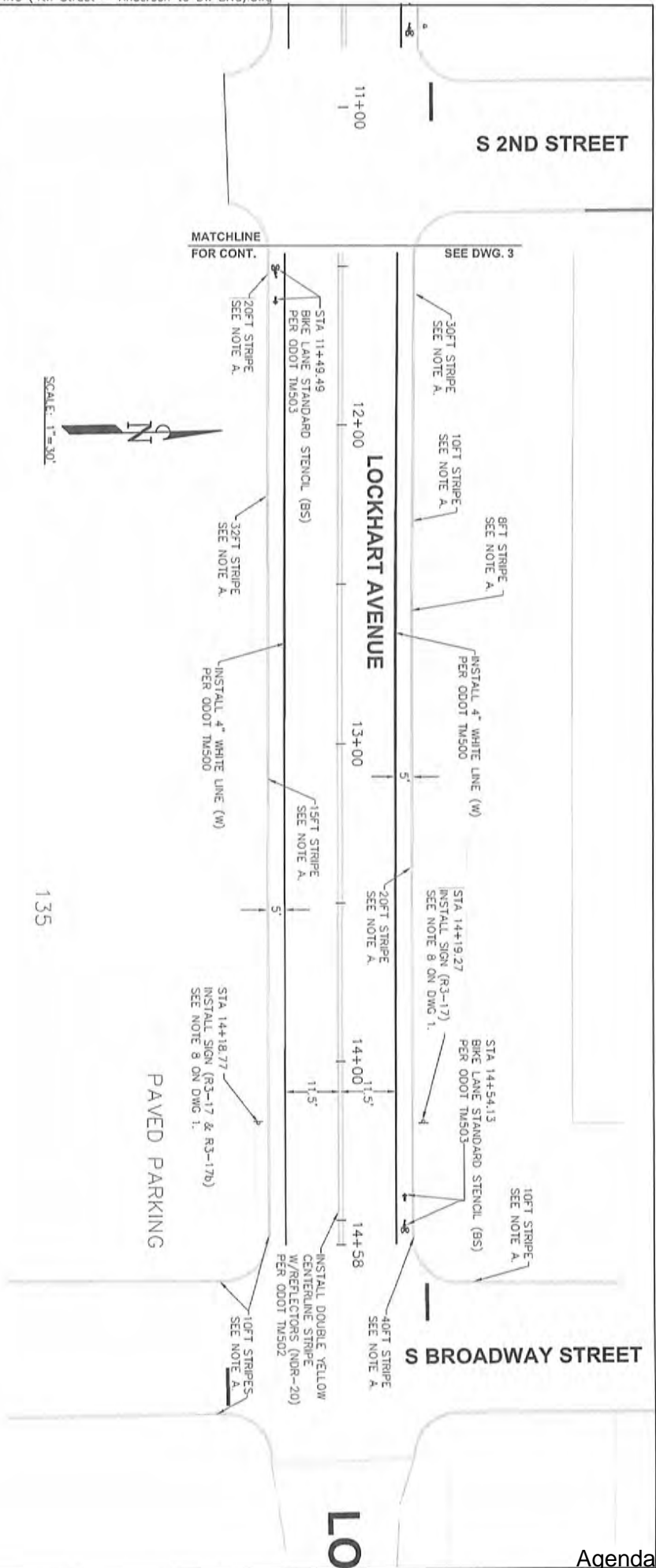
PREPARED FOR: STREETS DIVISION		STRIPING PLAN - LOCKHART AVE & 4TH ST.	DRAWING NO.
PREPARED BY: JESSICA SPAIN		CITY OF COOS BAY	4 OF 9
APPROVED & CHECKED BY: JENNIFER WIRMSING		LOCKHART AVENUE S 4TH STREET - S 2ND STREET	DATE
			5-5-2014

- NOTES:
 A) REPAINT CURBING YELLOW. VERIFY LIMITS OUT IN FIELD. REFER TO DRAWING 1 FOR FURTHER NOTES.
 B) ALL STOPBARS NEED TO BE REPLACED ON THIS SHEET THERE ARE TWO (2).

SCALE: 1"=30'



135

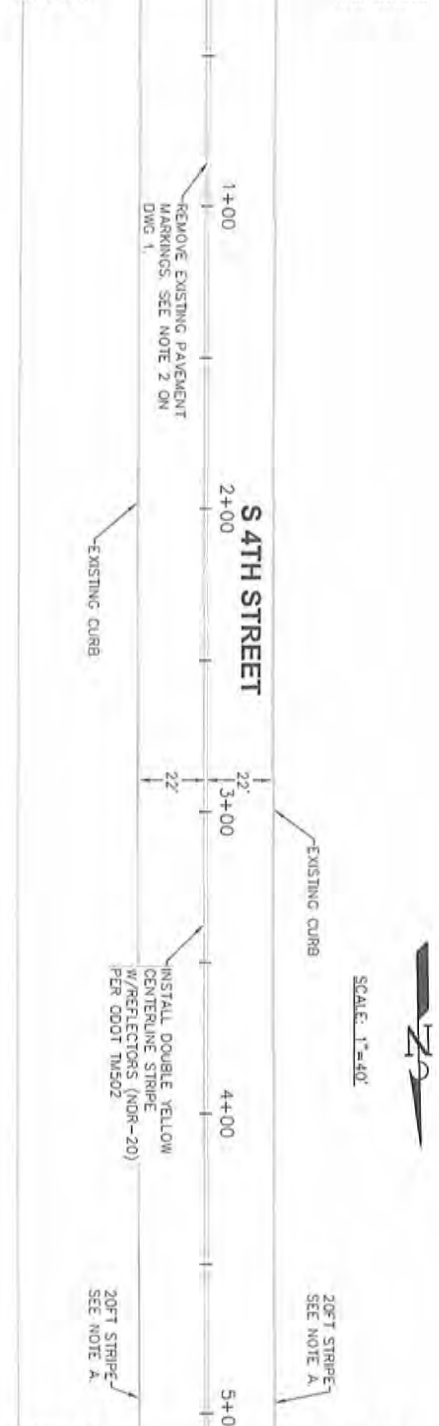
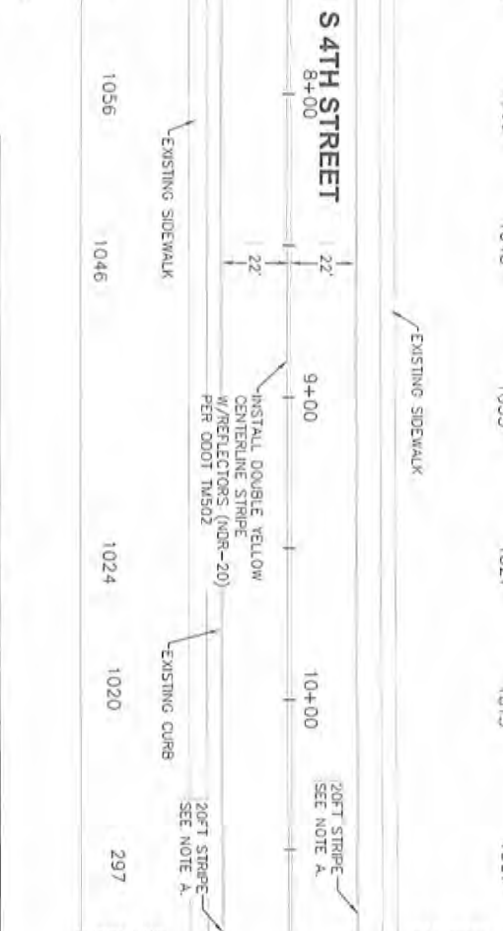
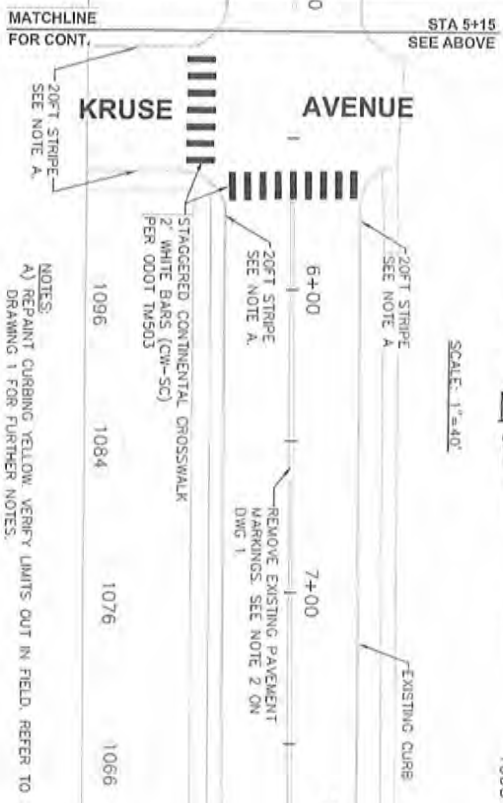


PREPARED FOR: STREETS DIVISION
PREPARED BY: JESSICA SPANN
APPROVED & CHECKED BY: JENNIFER WIRSING



STRIPING PLAN - LOCKHART AVE & 4TH ST. CITY OF COOS BAY
LOCKHART AVENUE S 2ND STREET - S BROADWAY STREET

DRAWING NO. 5 OF 9
DATE 5-5-2014



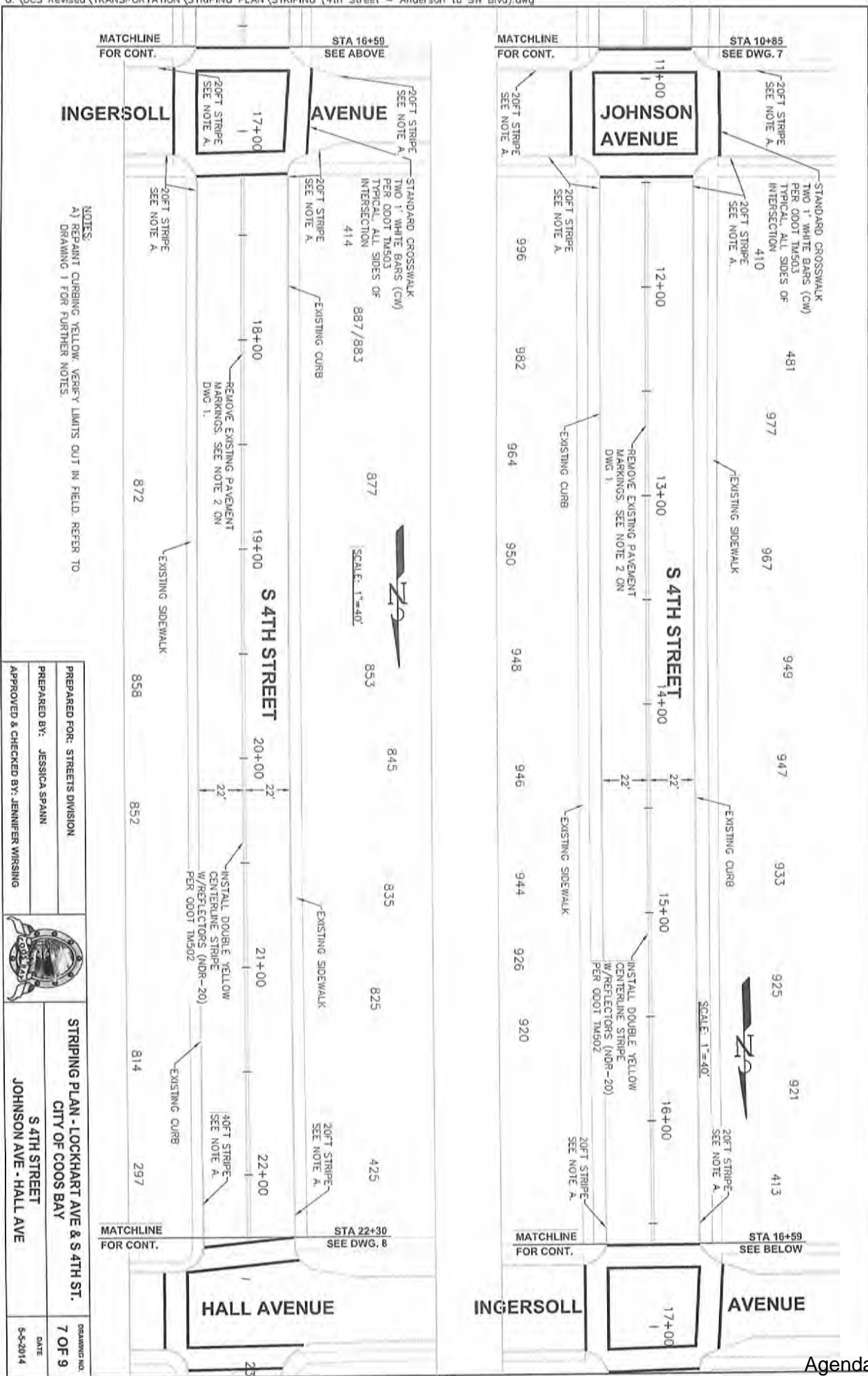
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PREPARED FOR: STREETS DIVISION
PREPARED BY: JESSICA SPANN
APPROVED & CHECKED BY: JENNIFER WINNING



STRIPING PLAN - LOCKHART AVE & 4TH ST.
 CITY OF COOS BAY
 S 4TH STREET
 LOCKHART AVE. - JOHNSON AVE.

DRAWING NO. 6 OF 9
DATE 5-5-2014



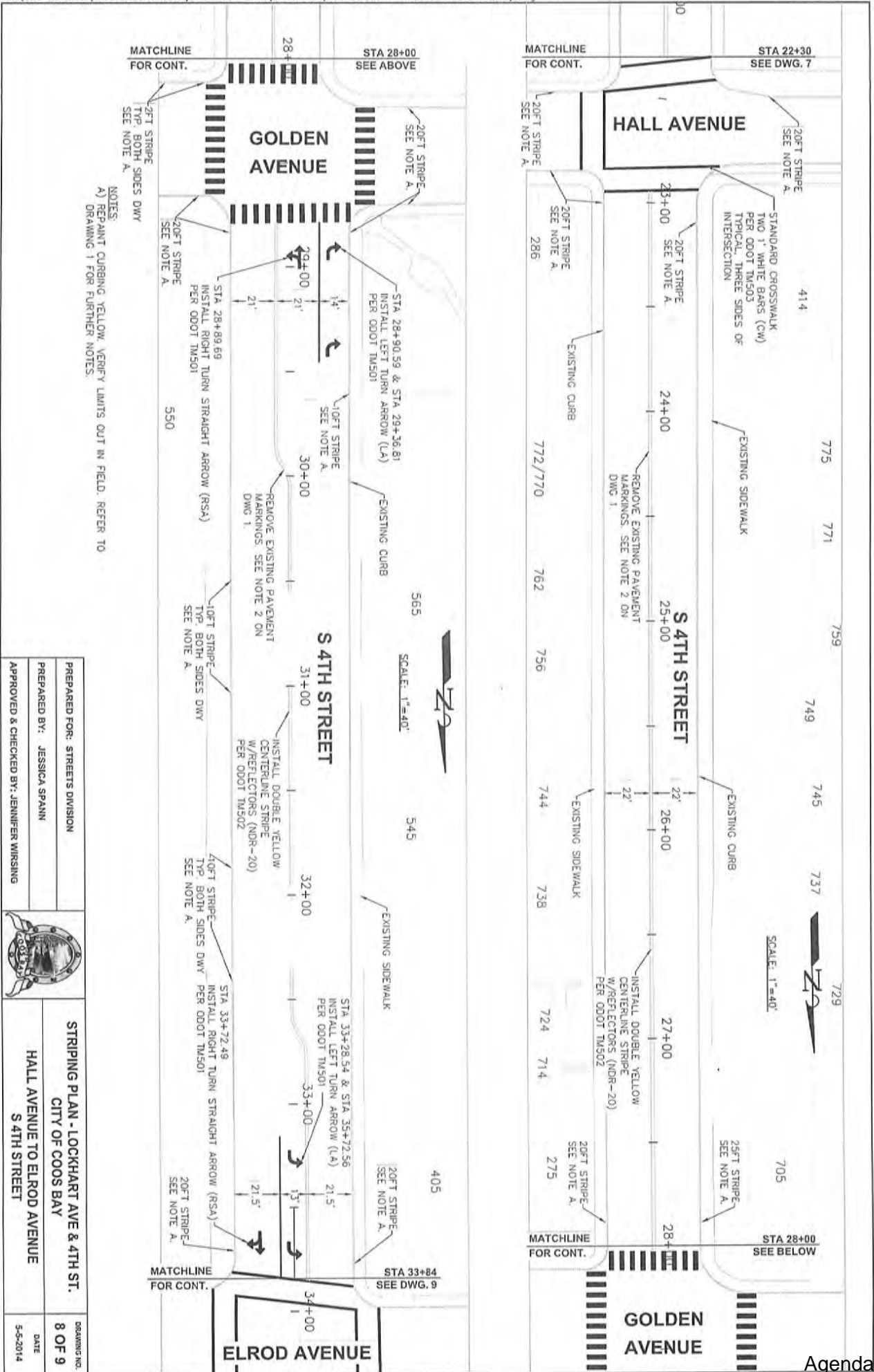
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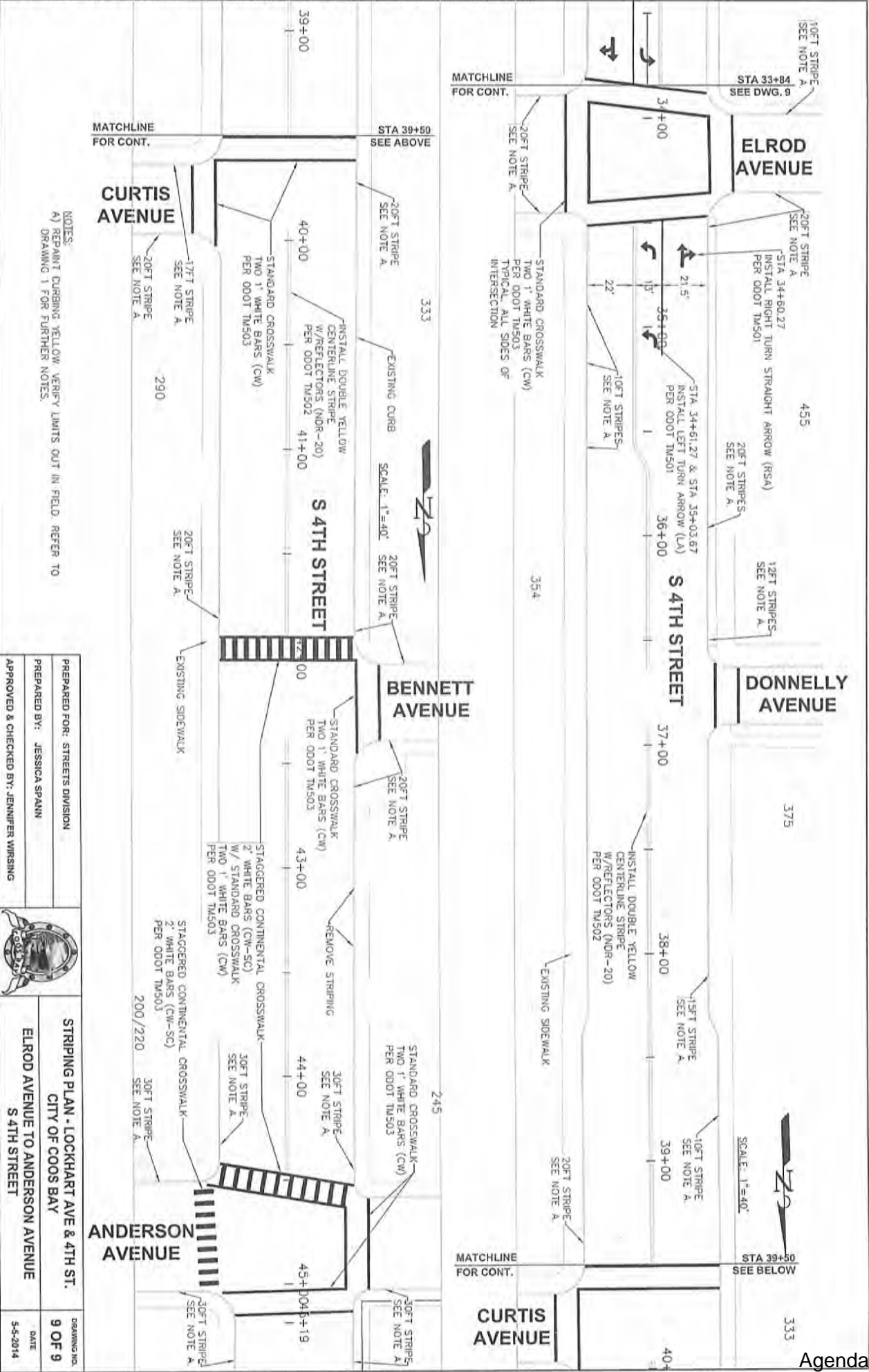
PREPARED FOR: STREETS DIVISION
 PREPARED BY: JESSICA SPAUN
 APPROVED & CHECKED BY: JENNIFER WIRNSING



STRIPING PLAN - LOCKHART AVE & S 4TH ST.
 CITY OF COOS BAY
 S 4TH STREET
 JOHNSON AVE - HALL AVE

DATE: 5-5-2014
 DRAWING NO.: 7 OF 9





NOTES:
 A) REPAINT CURBING YELLOW. VERIFY LIMITS OUT IN FIELD. REFER TO DRAWING 1 FOR FURTHER NOTES.

PREPARED FOR: STREETS DIVISION
 PREPARED BY: JESSICA SPANN
 APPROVED & CHECKED BY: JENNIFER WIRSHING



STRIPING PLAN - LOCKHART AVE & 4TH ST.
 CITY OF COOS BAY
 ELROD AVENUE TO ANDERSON AVENUE
 S 4TH STREET

DATE: 5-5-2014
 DRAWING NO.: 9 OF 9