

Complete Streets Advisory Committee
Regular Meeting
July 27, 2021 – 4:00 P.M.
AGENDA

This meeting will be held in person and virtually using Zoom. Dial 1-253-215-8782 and enter the meeting ID #830 6661 8552, password 456789

- **CALL TO ORDER**
- **ROLL CALL**
- **APPROVAL OF MEETING NOTES**
 - NOTES FROM JUNE 22, 2021
- **LEADERSHIP CHANGE**
- **OLD BUSINESS**
 - RAILS TO TRAILS - KEN
 - LONGVIEW BICYCLE PLAN – DAVE/KEN
 - ACTIVE TRANSPORTATION – SIGNING PROJECT – DAVE
 - ACTIVE TRANSPORTATION - BIKE RACKS – TREY
 - CITYWIDE SPEED STUDY – KEN
 - BEECH STREET/CALIFORNIA WAY UPDATE - SAM
- **NEW BUSINESS**
 - FESTIVAL BIKE PARKING/RIDING GUIDELINES - MORGAN
 - ROAD PAINTING – LANES, MARKINGS, BIKE LANES - MORGAN
- **EDUCATION TOPIC**
 - HIGHLIGHTS FROM TULSA, OK – MORGAN
- **REPORTS**
- **BOARD MEMBER COMMENTS**
- **ADJOURNMENT**

The next regular meeting is scheduled for August 24th at 4:00 p.m.

Attachments (all pdf's)

- Meeting Notes
- Bike Lessons from Tulsa
- Tulsa Street Striping Plans

Future Education Topics:

- Bicycle Friendly Community for a specific neighborhood / BFC Business / BFC University (6.22.21 Mtg)

Complete Streets Advisory Committee
VIRTUAL Regular Meeting
June 22, 2021 – 4:00 P.M.
Notes

- **CALL TO ORDER**

Meeting was called to order by Morgan Palmer at 4:04 P.M.

- **ROLL CALL**

In attendance:
Ruth Kendall, Council liaison
Matthew Carnahan
Trey Davis
Dave Fine
George Winn

Nancy Vandehey, Admin
Sam Barham, Engineer

Morgan Palmer, Engineer

Not in attendance:
Ken Hash, Chair
Clark Carroll
Elizabeth Stratton
Karl Enyeart, Engineer

- **APPROVAL OF MEETING NOTES**

A motion was made by Dave Fine, seconded by George Winn, that the notes be corrected (Winn to Fine) and approved. Passed unanimously.

- **OLD BUSINESS**

- RAILS TO TRAILS – KEN

Ken to update next month.

- LONGVIEW BICYCLE PLAN - DAVE

Morgan shared the map he is working on for the plan. It shows 16.44 existing miles and proposed 76.60 miles. He recommends cross sections for easier design implementation and showed examples in Ch. 6. Morgan received appreciation from the group for doing this in house at a big savings to the City. The group discussed options for getting public input and a chance to weigh in on the plan.

- ACTIVE TRANSPORTATION – SIGNING PROJECT – DAVE

Waiting for signs to be installed. Morgan will follow up with the Sign Shop on status.

- ACTIVE TRANSPORTATION - BIKE RACKS – TREY

Matt receive a quote that is significantly higher than expected, like 8 times higher. They are waiting for a quote from a local fencing company. Dave, Trey and Matt will get together to re-evaluate how best to get bike racks out to the community.

- IWOW PROJECT DELAY – DAVE

Dave wants to know who to take his proposal to as funding hasn't come through yet, and his idea is much less implement. A potential solution would be \$5-10M and be a different approach. His proposal for a reduction in the rush hour traffic by the businesses to stagger arrival/dismissal times for workers, offer ride share options, or incentives for carpooling or biking to work. Sam explained that this WSDOT project is funded as a mobility and safety project, due to the high percentage (highest in WA) of truck traffic through the intersection. The goal is to increase safety due to the rail conflicts and increase mobility for truck traffic.

- **NEW BUSINESS**

- CITYWIDE SPEED STUDY - RUTH

Ruth shared that Council gave staff direction to complete the inhouse speed study. All of the major streets in the city. Morgan and George have both offered assistance.

- **EDUCATION TOPIC**

- BUILDING BLOCKS FOR BICYCLE FRIENDLY COMMUNITY - MORGAN

This is a recognition from the Leage of American Bicyclists for active transportation. We may want to see if a league representative can join us for a workshop with Council. He shared the graphic for key outcomes of the five levels: Bronze, Silver, Gold, Platinum and Diamond. Morgan completed a quick self-evaluation for the city to compare to Walla Walla (Bronze) and Ellensburg (Silver). We have a good start at achieving Bronze. This is a free guideline (tool) that assists up to achieve better active transportation.

- FUTURE TOPIC: BFC FOR A SPECIFIC NEIGHBORHOOD - with unlimited funding what could it look like? What are the benefits?

- Also BFC Business/BFC University – package deal all working together.

- **REPORTS**

- **BOARD MEMBER COMMENTS**

- **ADJOURNMENT**

Meeting was adjourned at 5:01 P.M.

Bike lessons from Tulsa

JULY 2021

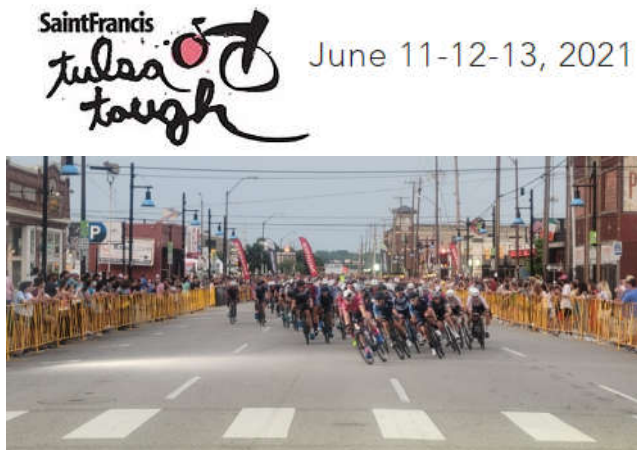
COMPLETE STREETS ADVISORY COMMITTEE

PRESENTED BY MORGAN PALMER

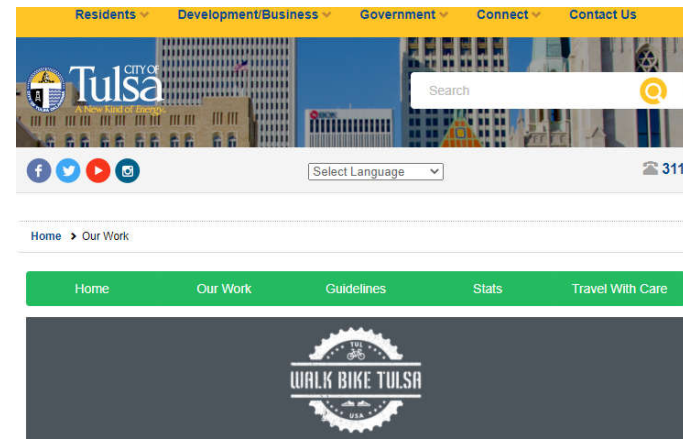


What's in Tulsa?

TULSA TOUGH



WALK BIKE TULSA/ GO PLAN



GO Plan Priority Project List for Bicycle Facilities

Priorities were determined through consensus among citizen volunteers on the Bicycle/Pedestrian Advisory Committee, City of Tulsa Engineering Services, and design consultant, Garver Engineering, which performed an implementation quantitative analysis. This analysis provides reasoning for the priorities and cost estimates for projects. Current funding will allow for implementation of this list and other priorities to be determined.

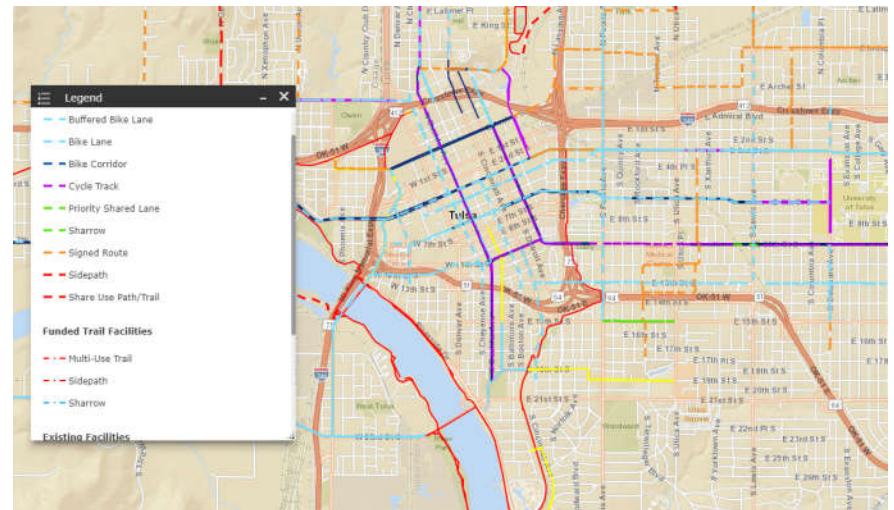
<https://www.cityoftulsa.org/walk-bike-tulsa/>

Exploring by bike

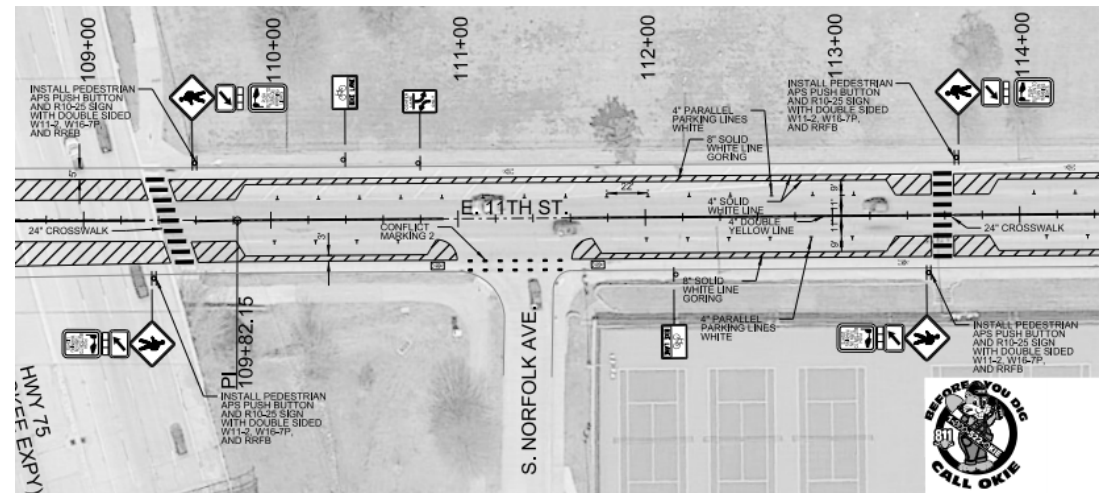
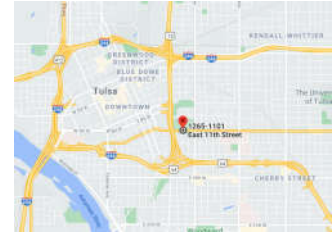
THIS MACHINE - BIKE RENTALS



TULSA BIKE NETWORK MAP



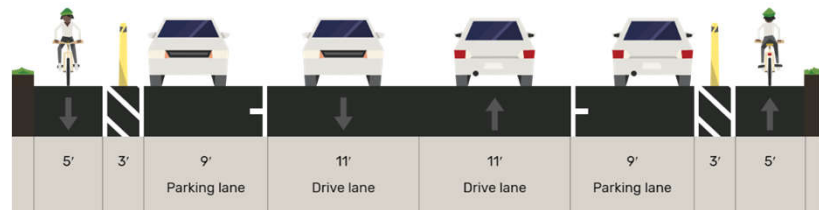
E 11th St (Rt. 66) Parking-protected bike lanes



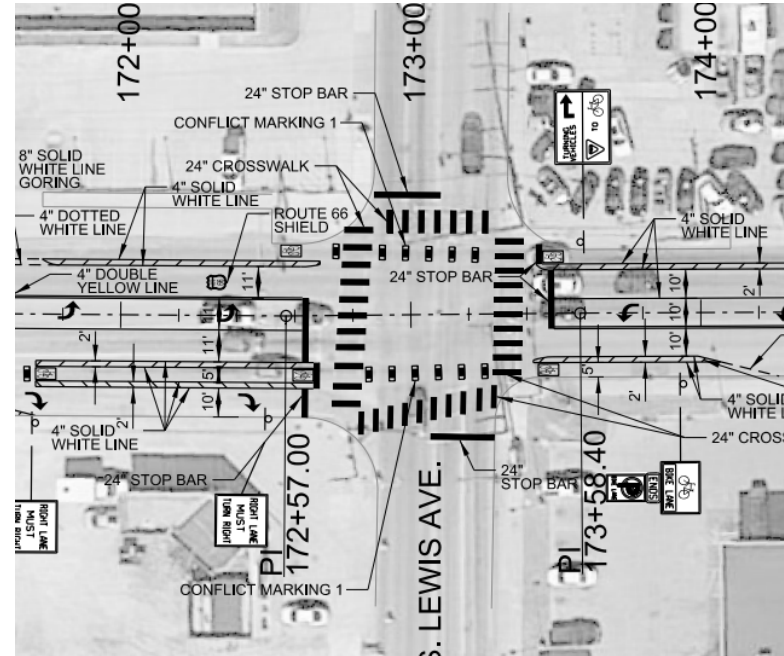
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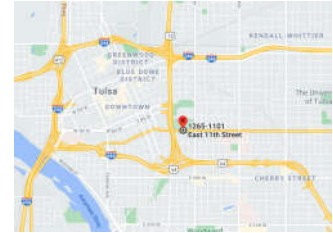
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E 11TH ST AT S LEWIS AVE



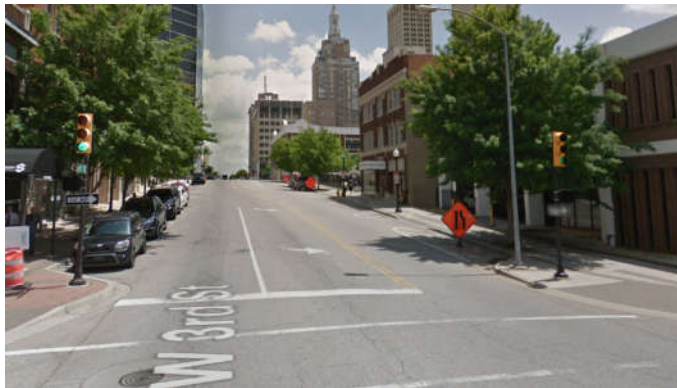
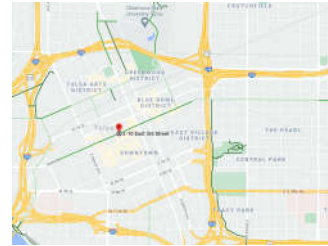
E 11th St (Rt. 66) Parking-protected bike lanes



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W 3rd St

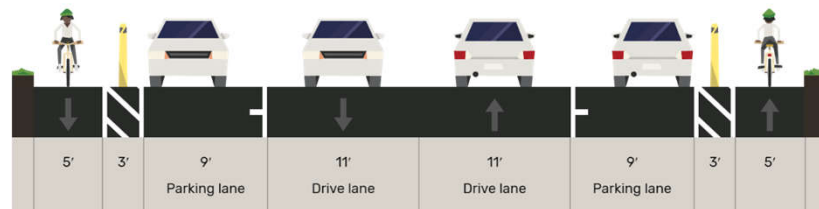
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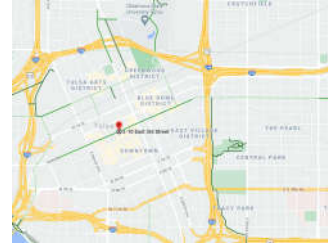
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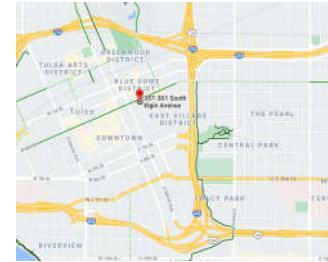
W 3rd St Parking-protected bike lanes



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S Elgin Ave

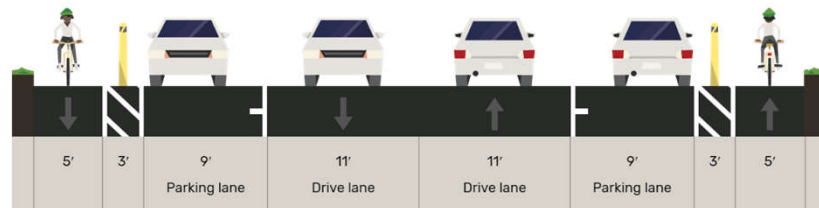
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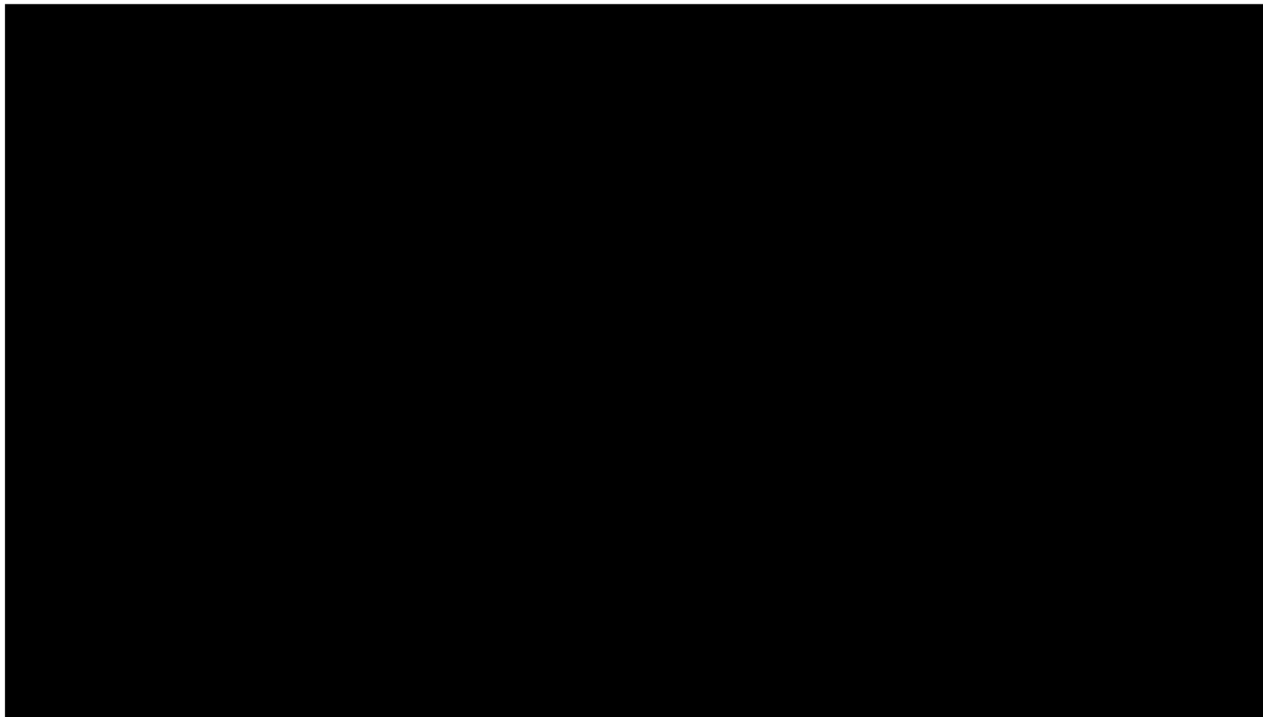
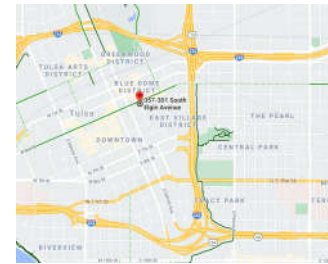


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S Elgin Ave

Parking-protected bike lanes

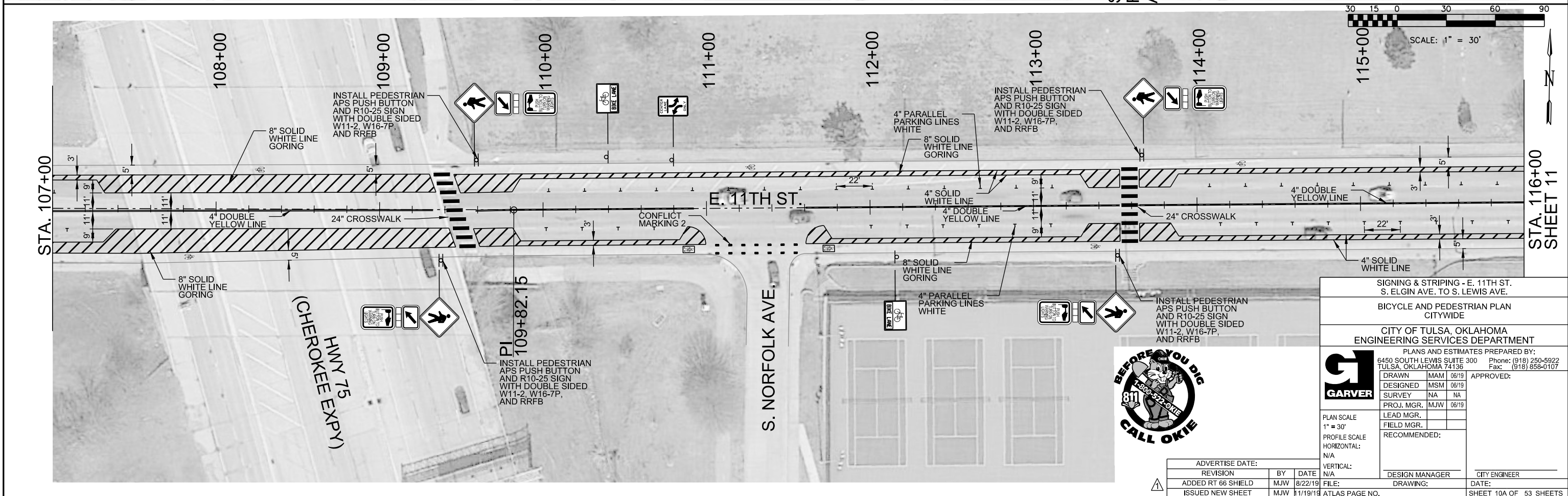
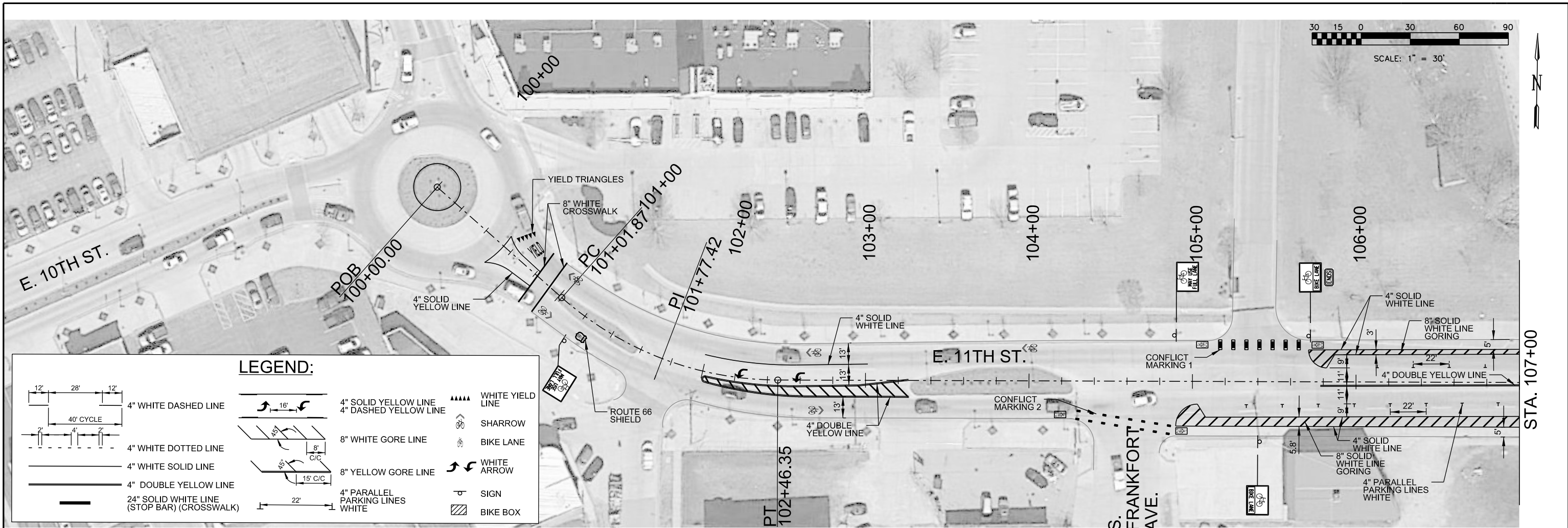


https://www.youtube.com/watch?v=wa2-O8uH8-8&list=PLLT8lInSV-GbDqox4efAhDC039cF_Uvmn&index=3

Tulsa takeaways

1. Build a network, fast.
2. You can accomplish a lot with paint.
3. Car drivers adapt to changes.



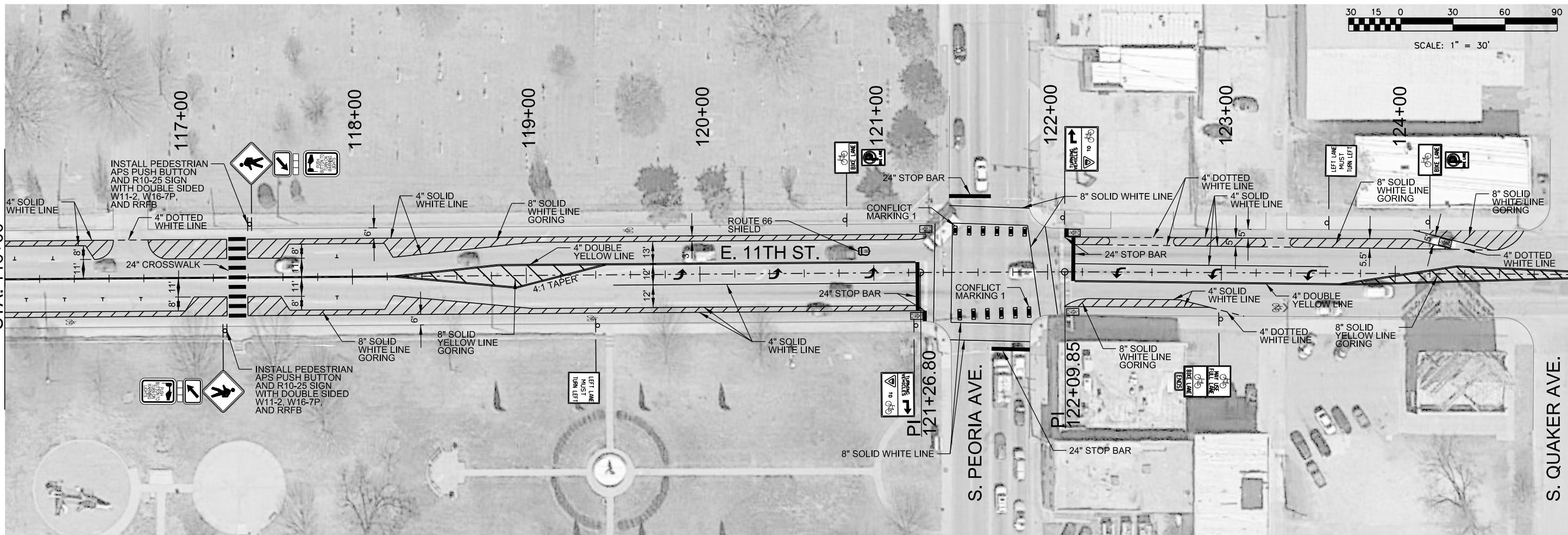


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CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT				
PLANS AND ESTIMATES PREPARED BY: 6450 SOUTH LEWIS SUITE 300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 658-0107				
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	DESIGNED	MSM	06/19	
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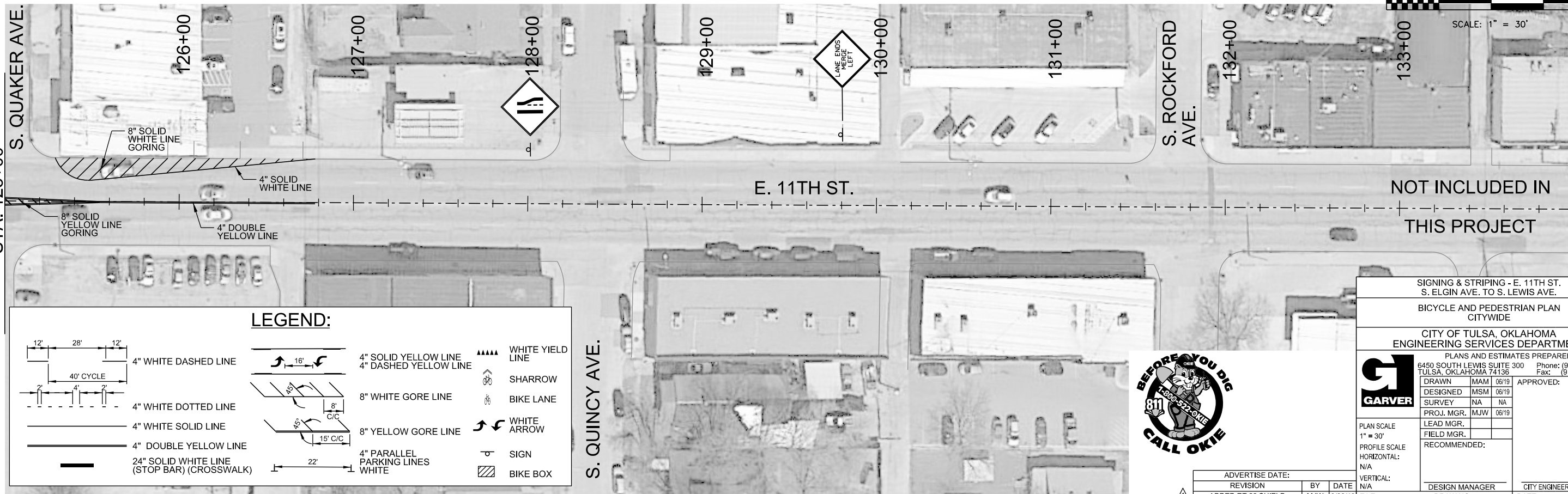
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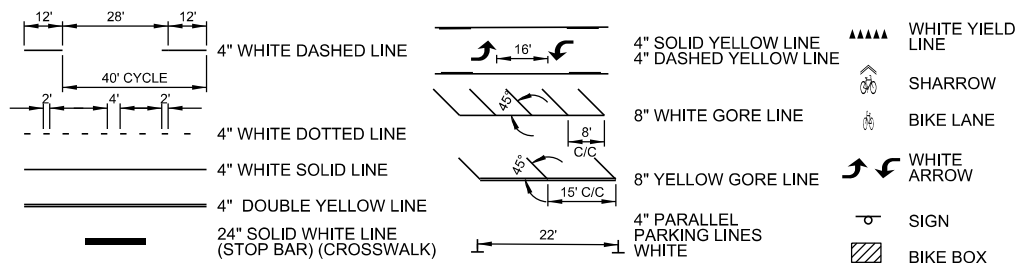
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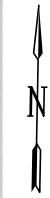
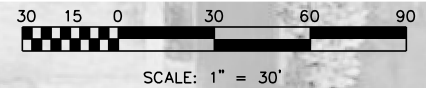
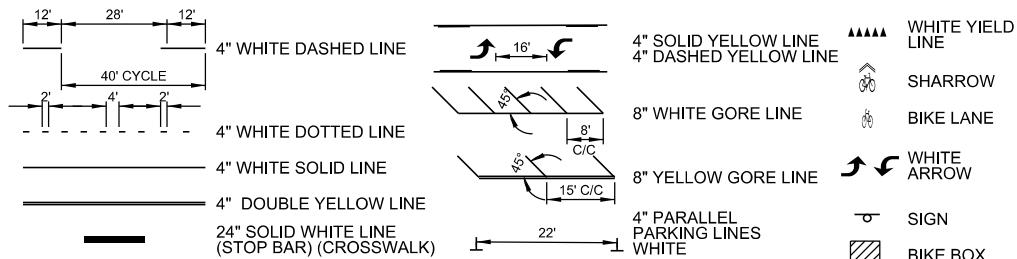
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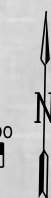
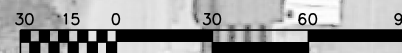
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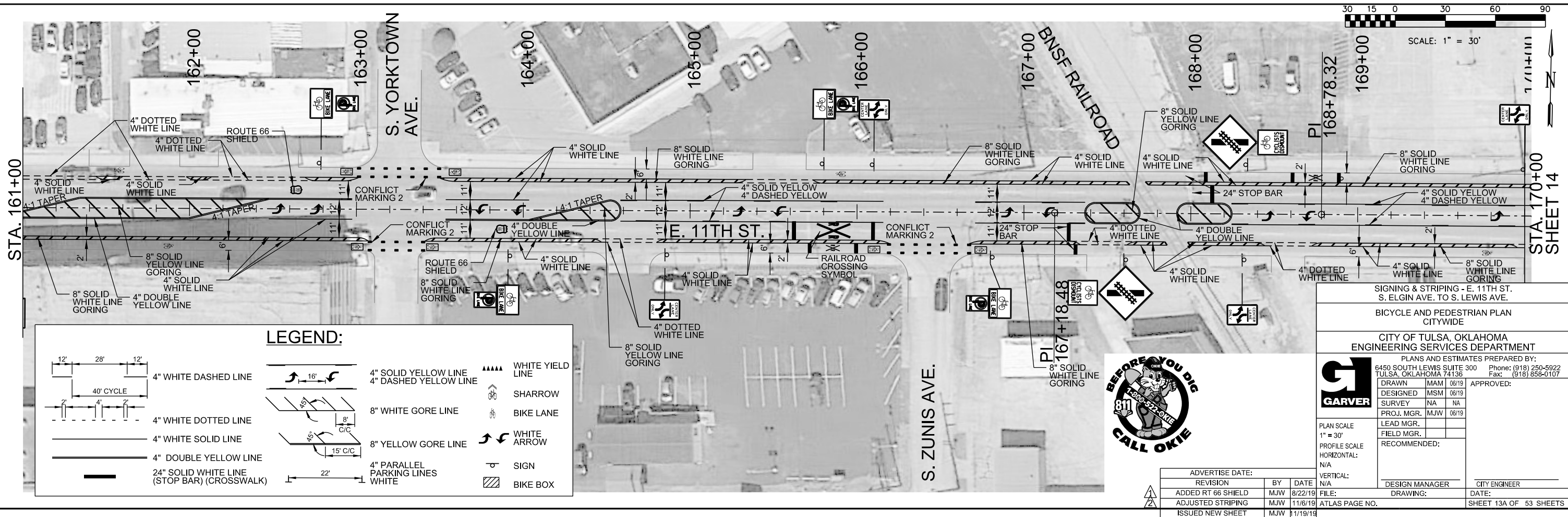
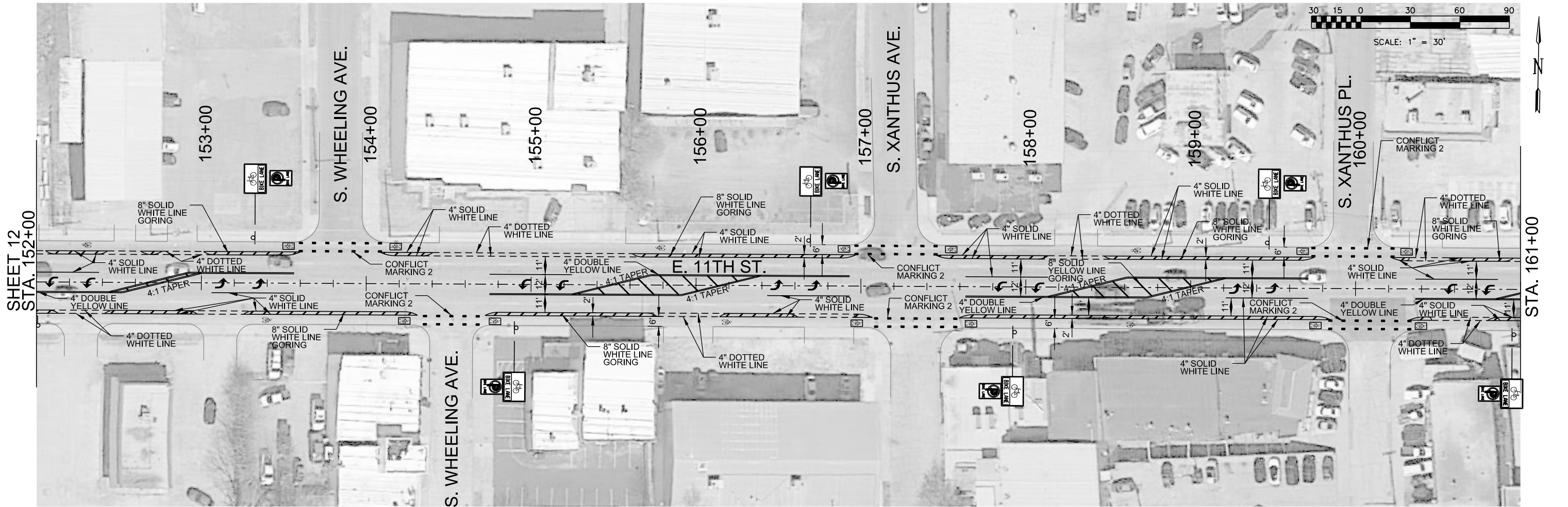
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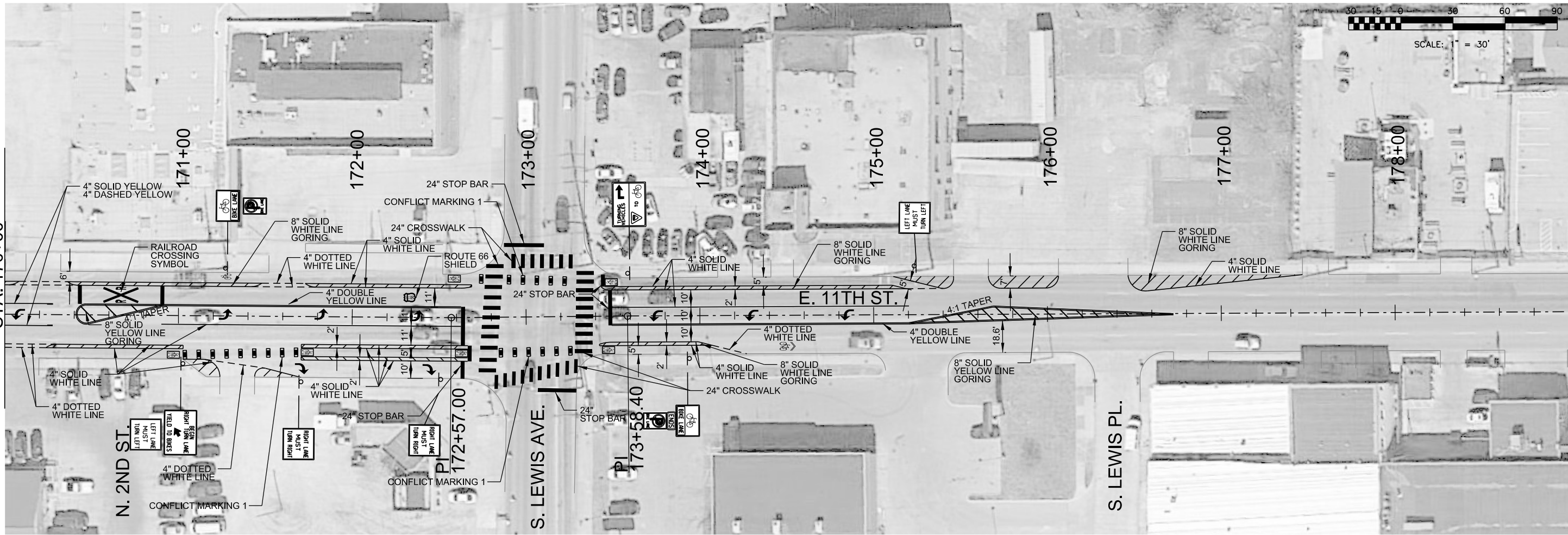
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BICYCLE AND PEDESTRIAN PLAN CITYWIDE	
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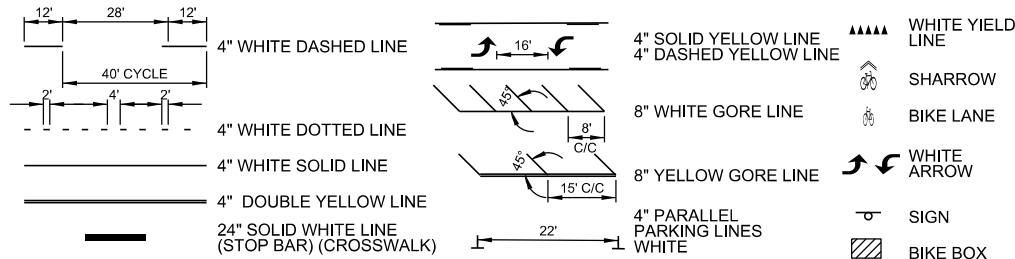
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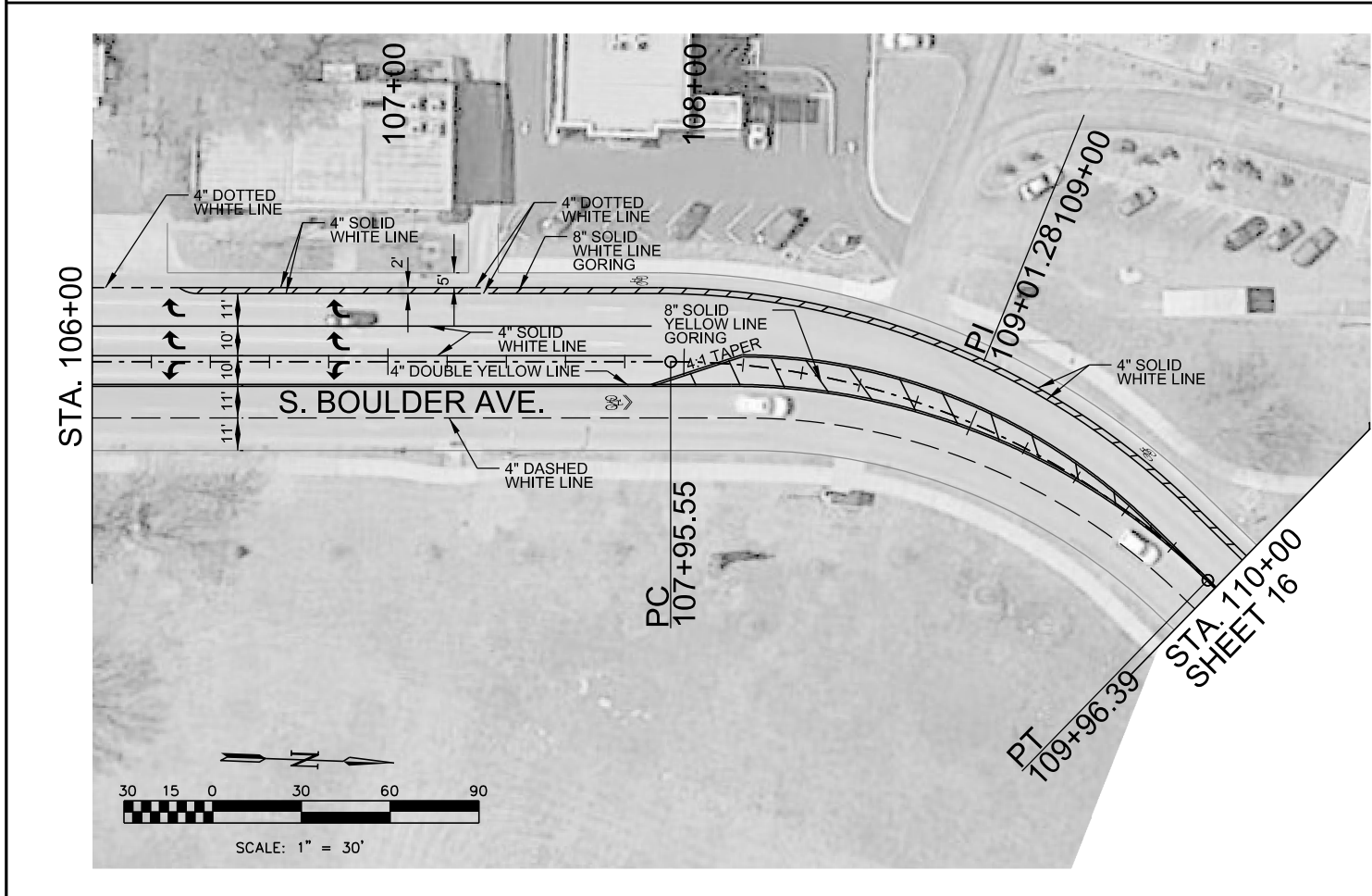
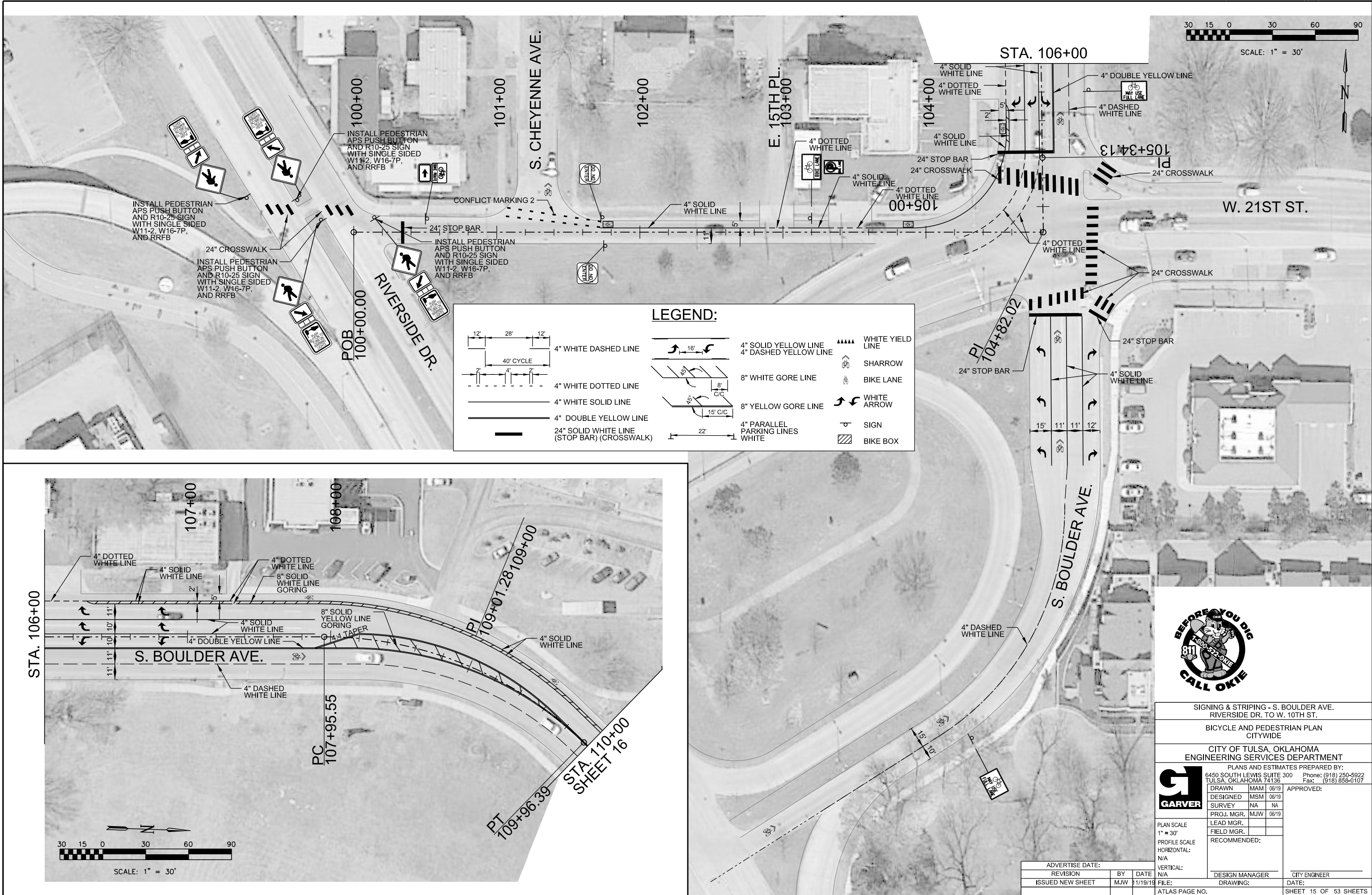


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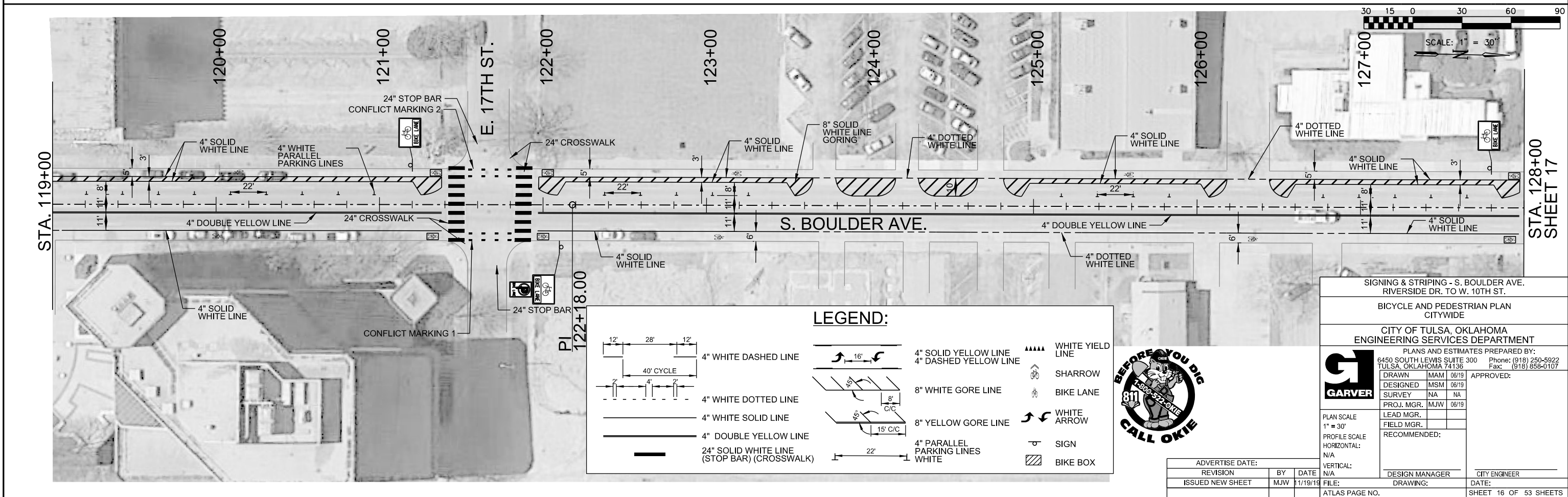
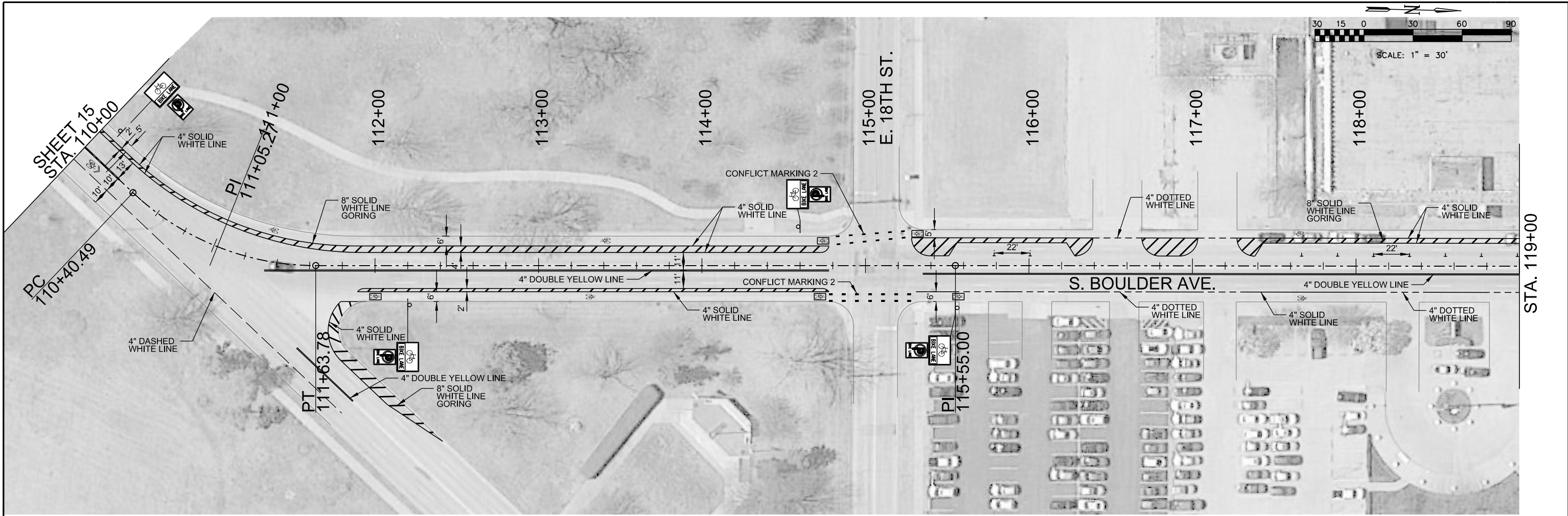


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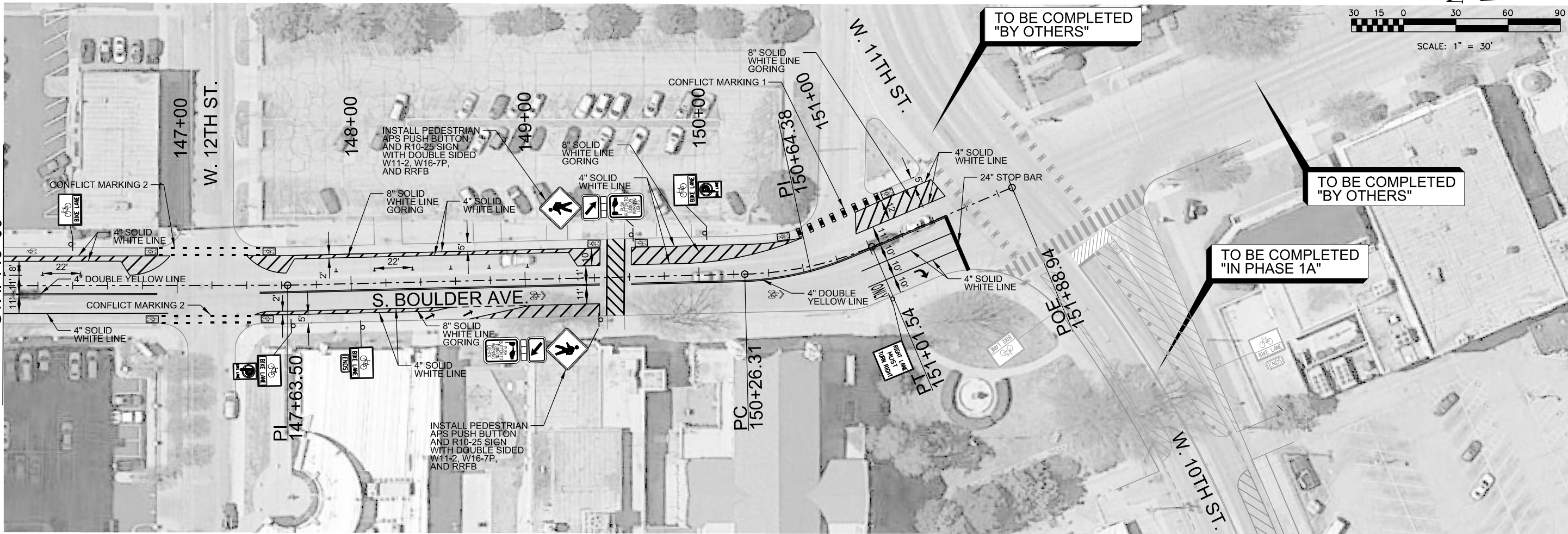


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BICYCLE AND PEDESTRIAN PLAN CITYWIDE			
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	4" WHITE SOLID LINE		8" WHITE GORE LINE		BIKE LANE
	4" DOUBLE YELLOW LINE		8" YELLOW GORE LINE		WHITE ARROW
	24" SOLID WHITE LINE (STOP BAR) (CROSSWALK)		4" PARALLEL PARKING LINES WHITE		SIGN
					BIKE BOX



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SIGNING & STRIPING - S. BOULDER AVE.
RIVERSIDE DR. TO W. 10TH ST.

BICYCLE AND PEDESTRIAN PLAN
CITYWIDE

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT

PLANS AND ESTIMATES PREPARED BY:
6450 SOUTH LEWIS SUITE 300 Phone: (918) 250-8922
TULSA, OKLAHOMA 74136 Fax: (918) 658-0107

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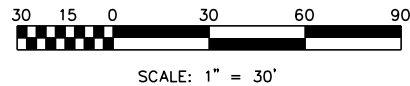
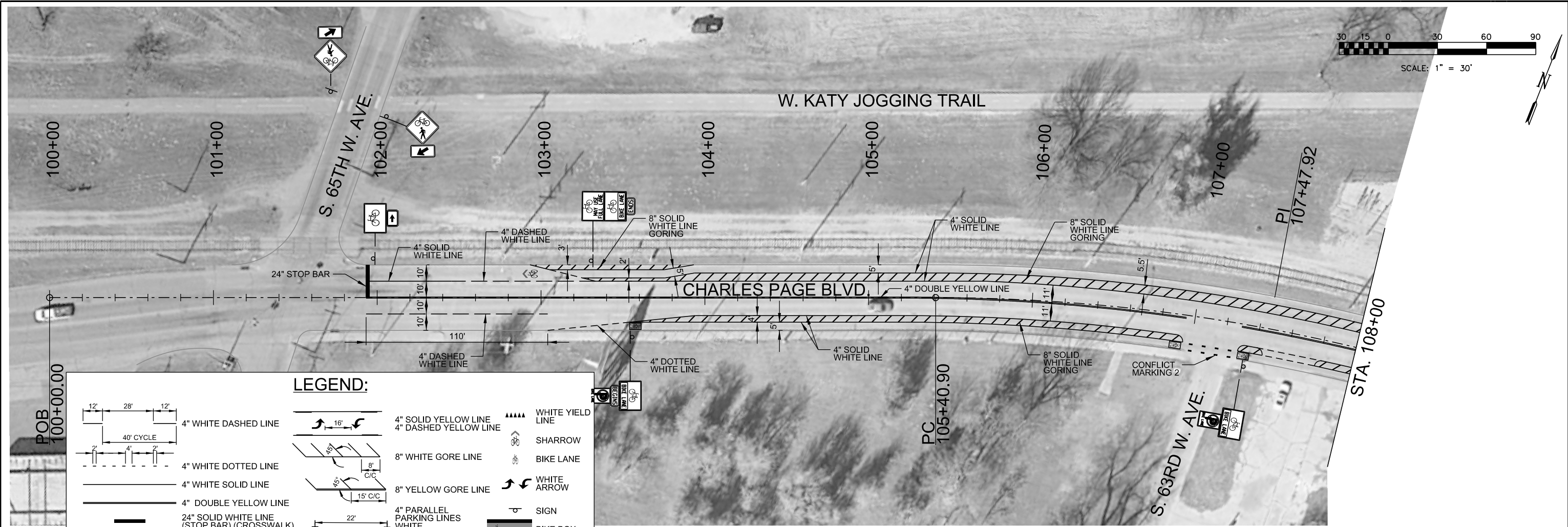
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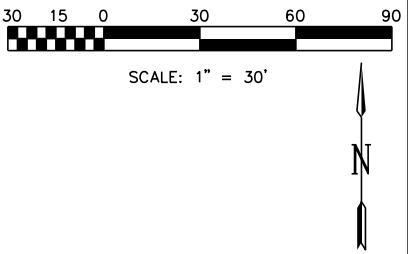
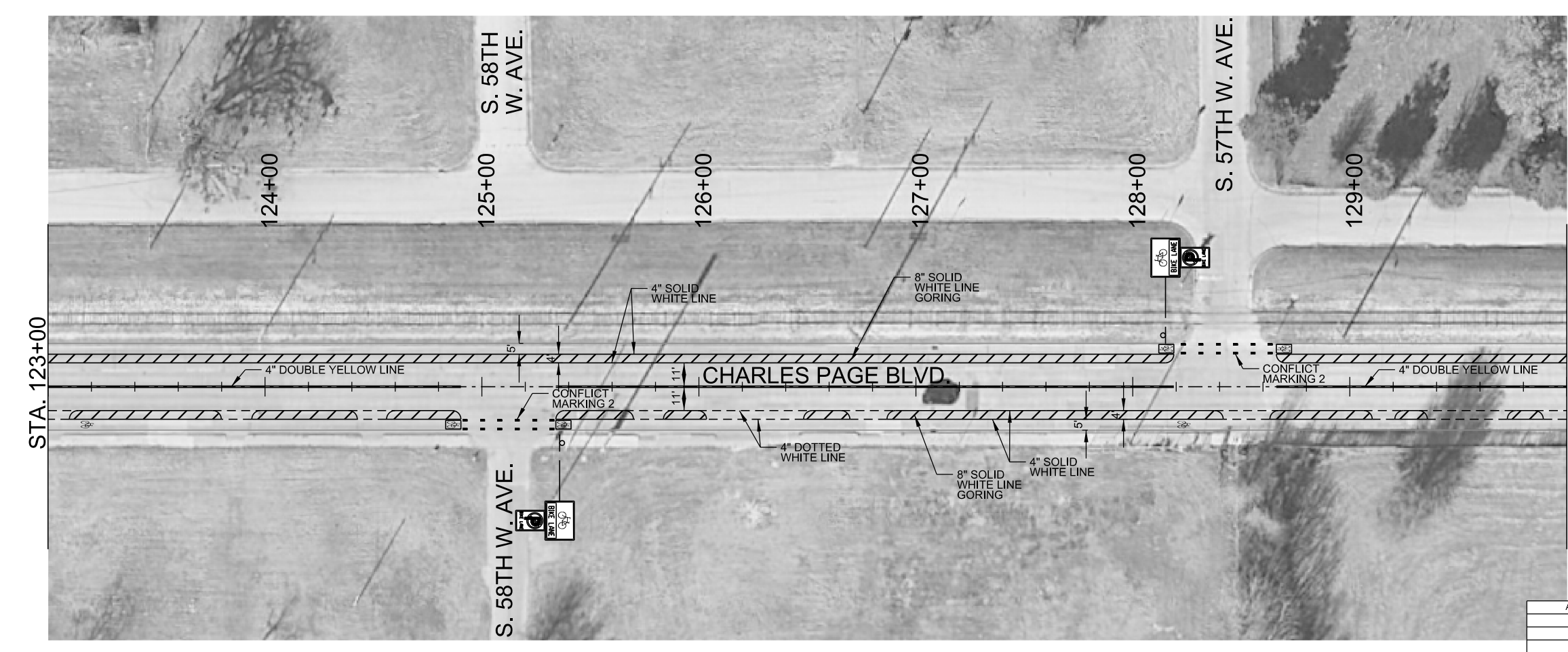
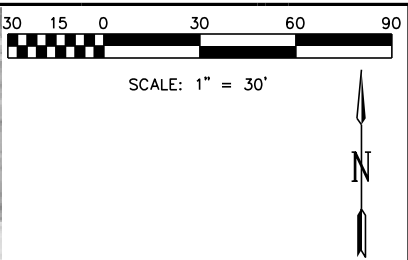
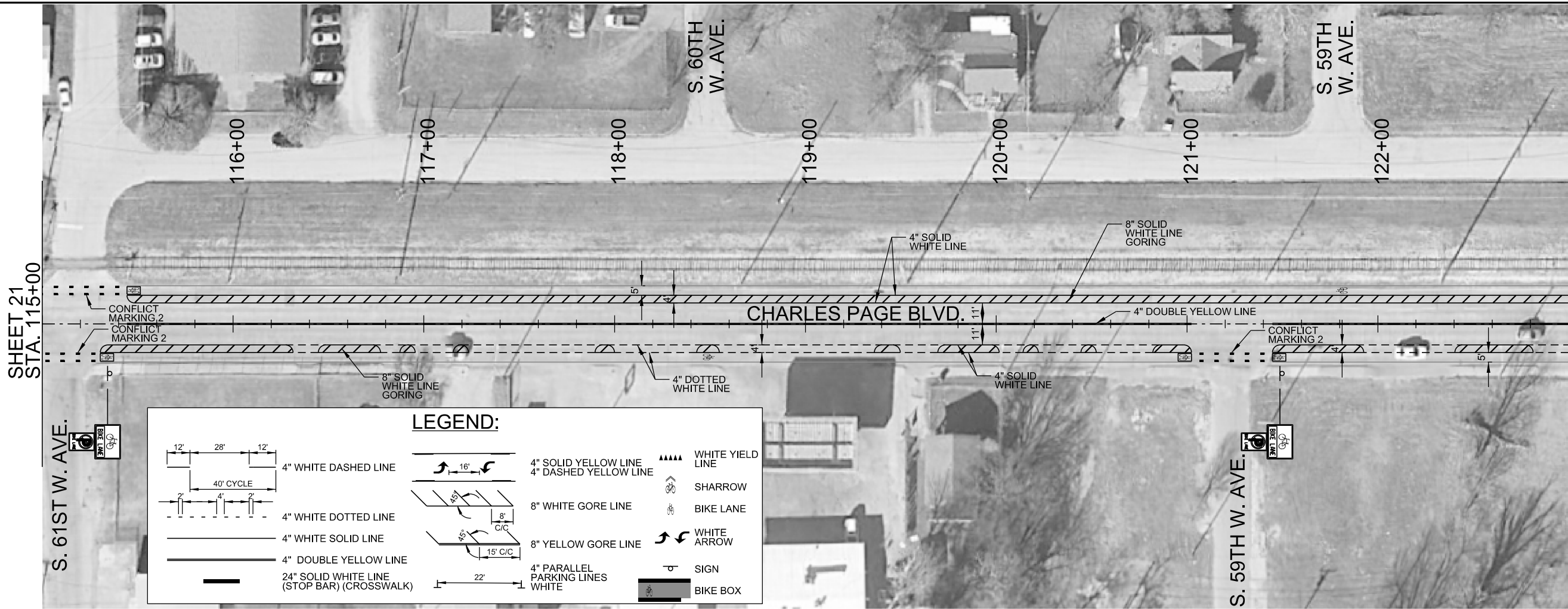
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SIGNING AND STRIPING - CHARLES PAGE BLVD. S. 65TH W. AVE. TO HOUSTON AVE.			
BICYCLE AND PEDESTRIAN PLAN CITYWIDE			
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT			
PLANS AND ESTIMATES PREPARED BY: 6450 SOUTH LEWIS SUITE 300 Phone: (918) 250-8922 TULSA, OKLAHOMA 74136 Fax: (918) 658-0107			
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	DESIGNED	MSM	03/19
	SURVEY	NA	NA
	PROJ. MGR.	MJW	03/19
	LEAD MGR.		
FIELD MGR.			
RECOMMENDED:			
DESIGN MANAGER			CITY ENGINEER
FILE:		DRAWING:	DATE:
ATLAS PAGE NO.		SHEET 22 OF 86 SHEETS	

ADVERTISE DATE:		
REVISION	BY	DATE

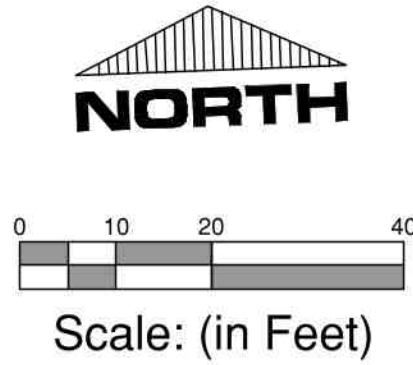
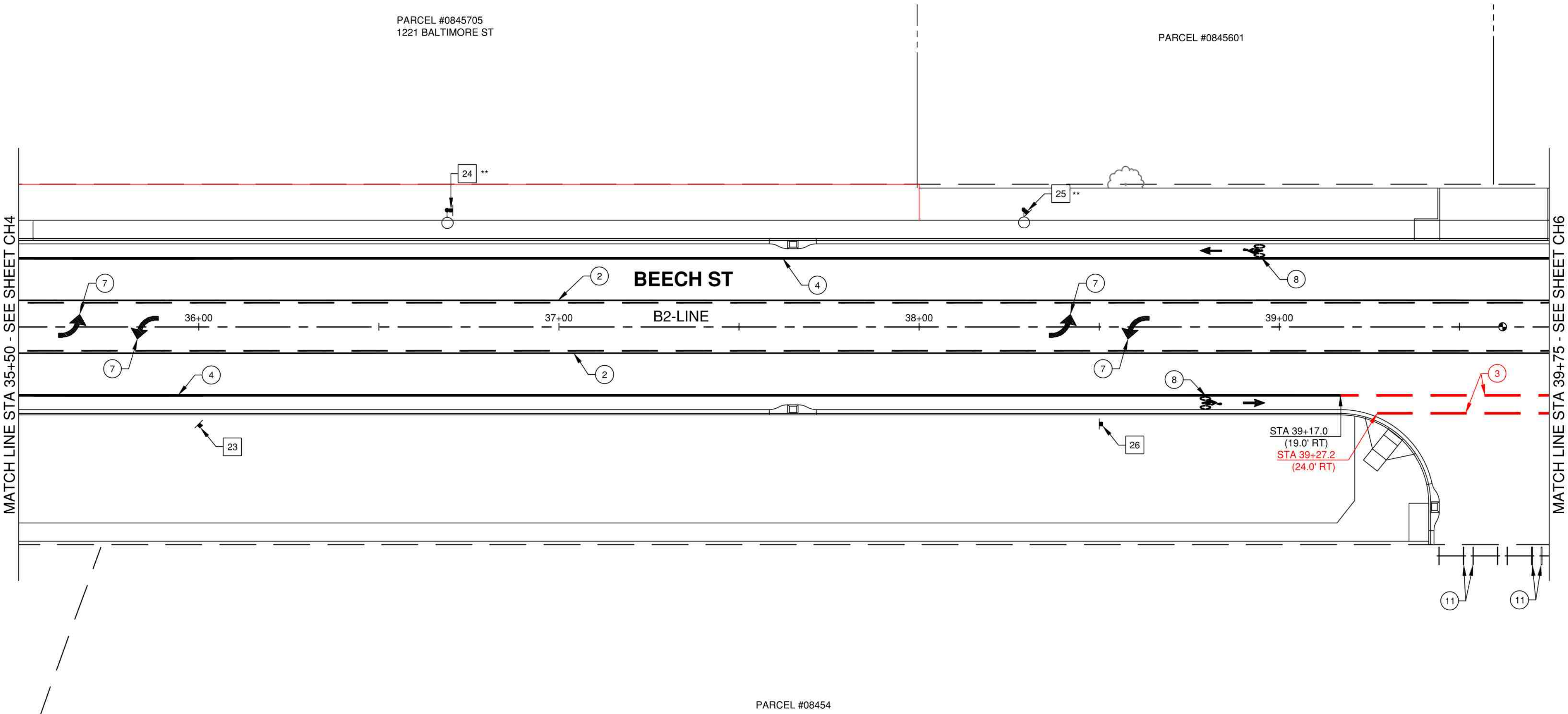


- SIGN LEGEND:**

- GENERAL NOTES:

- *SIGN CODE PER MUTCD
**SEE CITY OF LONGVIEW STD PLAN TR-095 FOR SIGN INSTALLATION ON STREET LIGHT POLE

DRAWING: T:\CIVIL_3D\PROJECTS\04613747\ACT\RECORD DRAWINGS\04613747 CHANNELIZATION LAYOUT TAB: CH5, PLOT DATE: 6/29/2021 1:54:04 PM, DRAWING SAVE DATE: 6/29/2021 1:52:48 PM, PLOTTED BY: KBUSEY
PROFILE: GIBBS & OLSON STANDARD — CSD IMPERIAL 2020, PLOT DEVICE: — GIBBS & OLSON — DWG TO PDF.PC3, PLOT STYLE: TABLE: GIBBS-OLSON STANDARD MONochrome WITH RED.CTB, PAPER SIZE: GIBBS & OLSON — PLANSHEET D SIZE (34.00 X 22.00 INCHES)



CHANNELIZATION NOTES:

1. INSTALL PROFILED PLASTIC (MMA) YELLOW DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
2. INSTALL PROFILED PLASTIC (MMA) YELLOW TWO WAY LEFT TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
3. INSTALL PLASTIC (MMA) WHITE WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.10-02
4. INSTALL PROFILED PLASTIC (MMA) WHITE SOLID WIDE LANE LINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
5. INSTALL PLASTIC (MMA) YELLOW DIAGONAL CROSSHATCH MARKING PER WSDOT STD PLAN M-24.60-04
6. INSTALL WHITE PLASTIC (MMA) STOP LINE PER WSDOT STD LAN M-24.60-04
7. INSTALL WHITE THERMOPLASTIC TRAFFIC ARROW TYPE 2SL PER WSDOT STD PLAN M-24.40-02
8. INSTALL WHITE THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STD PLAN M-9.50-02
9. INSTALL WHITE PLASTIC (MMA) CROSSWALK PER WSDOT STD PLAN M-15.10-01
10. PAINT CURB YELLOW. SEE GENERAL NOTE 5.
11. INSTALL TYPE 3 BARRICADE PER WSDOT STD PLAN K-80.20-00. BARRICADE TO SPAN WIDTH OF PAVEMENT
12. INSTALL CEMENT CONCRETE WHEEL STOPS PER DETAIL ON DWG CH8. SEE GENERAL NOTE 4.
13. INSTALL YELLOW DOUBLE CENTERLINE WITH RAISED PAVEMENT MARKERS PER WSDOT STD PLAN M-20.50-02

SIGN LEGEND:

- X NEW SIGN NUMBER
- NEW SIGN
- EX SIGN
- NEW STREET LIGHT POLE

GENERAL NOTES:

1. SEE TS DWGS FOR PROPOSED SIGNS AT OREGON WAY AND BEECH ST INTERSECTION.
2. ALL NEW SIGN POSTS SHALL BE GALVANIZED SQUARE, 12-GAGE STEEL TUBE PER TO THE CITY OF LONGVIEW STD PLAN TR-080.
3. TWO-WAY LEFT-TURN CHANNELIZATION SHALL BE PER WSDOT STD PLAN M-3.40-03
4. WHEEL STOP TO BE INSTALLED IN CENTER OF PARKING STALL AND ORIENTED PERPENDICULAR TO EXISTING PAINT LINES AT A MINIMUM OF 3 FEET FROM THE PROPOSED SIDEWALK.
5. FOR TRAFFIC ISLANDS ALL EXTERIOR CURB SHALL BE PAINTED YELLOW.
6. TEMPORARY W20-901 <TRAFFIC REVISION AHEAD> (ORANGE AND BLACK) CLASS A CONSTRUCTION SIGNS SHALL BE PLACED FOR 2 WEEKS AFTER NEW CHANNELIZATION IS INSTALLED FOR ALL DIRECTIONS AT EACH INTERSECTION AS DIRECTED BY THE CITY.

PAVEMENT MARKING SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	35+75.0	CL
	38+50.0	CL
	38+87.0	21.1' LT
	38+87.0	21.1' RT

SIGN SCHEDULE							
SIGN NO.	STATION	OFFSET	SIGN CODE *	SIGN SIZE		DESCRIPTION	REMARKS
				WIDTH (IN.)	HEIGHT (IN.)		
23	36+00.0	27.0' RT	R7-9	12	18	NO PARKING BIKE LANE	INSTALL NEW SIGN AND POST
24	36+68.8	32.5' LT	R2-1	24	30	SPEED LIMIT 30	INSTALL NEW SIGN ON STREET LIGHT POLE**
25	38+28.8	32.5' LT	R3-9b	24	36	NO PARKING BIKE LANE	INSTALL NEW SIGN ON STREET LIGHT POLE**
26	38+50.0	27.0' RT	R3-9b	24	36	CENTER LANE (TWO WAY LEFT TURN) ONLY	INSTALL NEW SIGN AND POST

*SIGN CODE PER MUTCD
**SEE CITY OF LONGVIEW STD PLAN TR-095 FOR SIGN INSTALLATION ON STREET LIGHT POLE

City of Longview	Channelization & Signing Plan	Beech St Sta 35+50 to Sta 39+75
	Beech Street Extension	
	Longview, Washington	

Datum: NAD83(2011)/NAVD 88

Survey Book: 1835,1835-A

Project Milestone:
BID

Date:
2/27/2020



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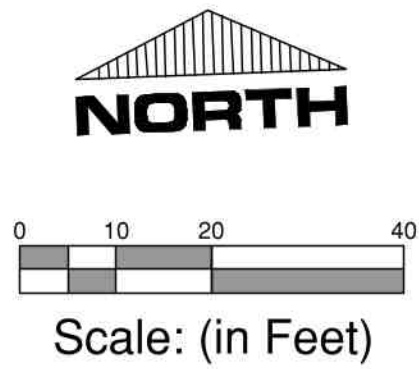
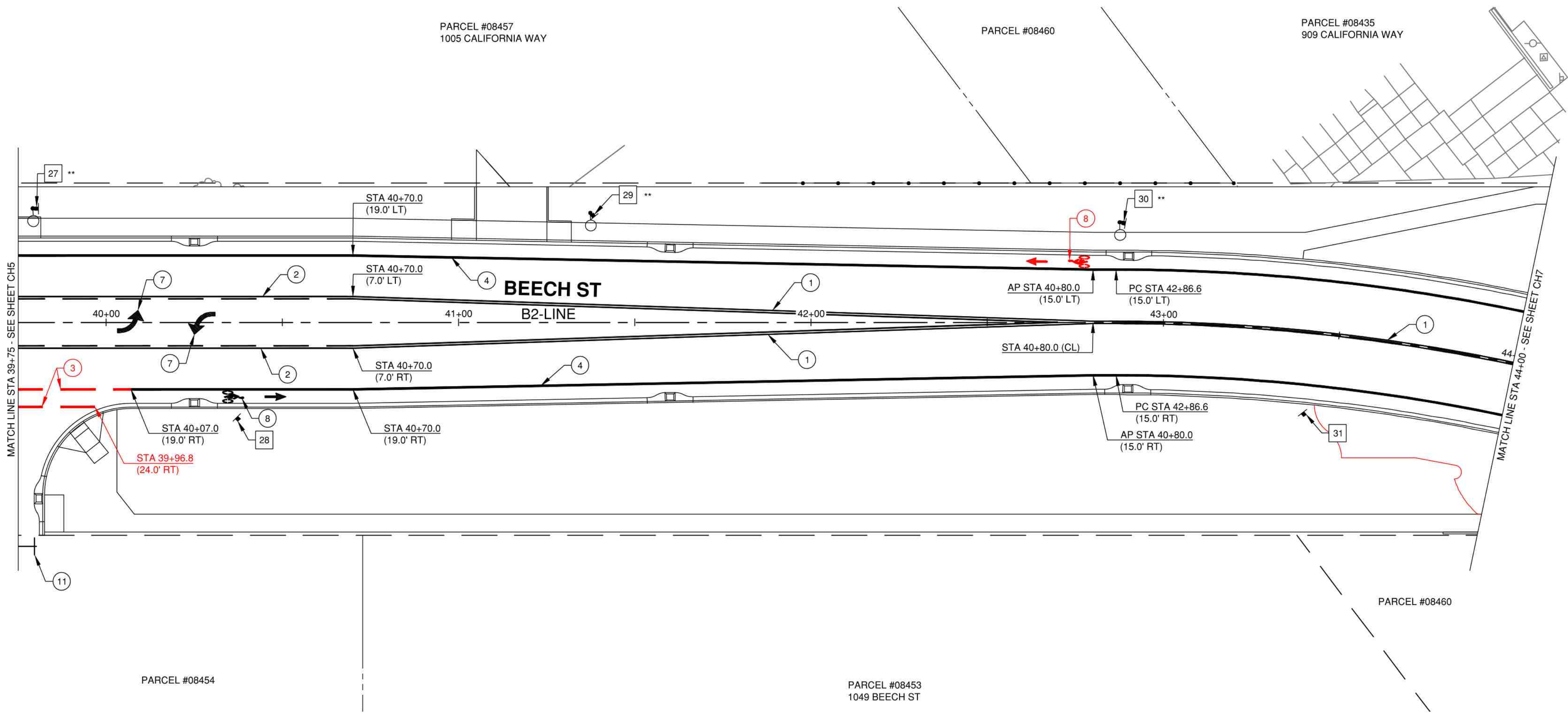
Project Manager: SBB
Designed by: SBB
CAD by: KAR
Checked by: KWB
Approved by: SBB

Project Number:
0461.3747

Drawing Number:
CH5

Sheet Number:
70 of 97

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CHANNELIZATION NOTES:

1. INSTALL PROFILED PLASTIC (MMA) YELLOW DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
2. INSTALL PROFILED PLASTIC (MMA) YELLOW TWO WAY LEFT TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
3. INSTALL PLASTIC (MMA) WHITE WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.10-02
4. INSTALL PROFILED PLASTIC (MMA) WHITE SOLID WIDE LANE LINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
5. INSTALL PLASTIC (MMA) YELLOW DIAGONAL CROSSHATCH MARKING PER WSDOT STD PLAN M-24.60-04
6. INSTALL WHITE PLASTIC (MMA) STOP LINE PER WSDOT STD LAN M-24.60-04
7. INSTALL WHITE THERMOPLASTIC TRAFFIC ARROW TYPE 2SL PER WSDOT STD PLAN M-24.40-02
8. INSTALL WHITE THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STD PLAN M-9.50-02
9. INSTALL WHITE PLASTIC (MMA) CROSSWALK PER WSDOT STD PLAN M-15.10-01
10. PAINT CURB YELLOW. SEE GENERAL NOTE 5.
11. INSTALL TYPE 3 BARRICADE PER WSDOT STD PLAN K-80.20-00. BARRICADE TO SPAN WIDTH OF PAVEMENT
12. INSTALL CEMENT CONCRETE WHEEL STOPS PER DETAIL ON DWG CH8. SEE GENERAL NOTE 4.
13. INSTALL YELLOW DOUBLE CENTERLINE WITH RAISED PAVEMENT MARKERS PER WSDOT STD PLAN M-20.50-02

SIGN LEGEND:

- X NEW SIGN NUMBER
- NEW SIGN
- EX SIGN
- NEW STREET LIGHT POLE

GENERAL NOTES:

1. SEE TS DWGS FOR PROPOSED SIGNS AT OREGON WAY AND BEECH ST INTERSECTION.
2. ALL NEW SIGN POSTS SHALL BE GALVANIZED SQUARE, 12-GAGE STEEL TUBE PER TO THE CITY OF LONGVIEW STD PLAN TR-080.
3. TWO-WAY LEFT-TURN CHANNELIZATION SHALL BE PER WSDOT STD PLAN M-3.40-03
4. WHEEL STOP TO BE INSTALLED IN CENTER OF PARKING STALL AND ORIENTED PERPENDICULAR TO EXISTING PAINT LINES AT A MINIMUM OF 3 FEET FROM THE PROPOSED SIDEWALK.
5. FOR TRAFFIC ISLANDS ALL EXTERIOR CURB SHALL BE PAINTED YELLOW.
6. TEMPORARY W20-901 <TRAFFIC REVISION AHEAD> (ORANGE AND BLACK) CLASS A CONSTRUCTION SIGNS SHALL BE PLACED FOR 2 WEEKS AFTER NEW CHANNELIZATION IS INSTALLED FOR ALL DIRECTIONS AT EACH INTERSECTION AS DIRECTED BY THE CITY.

PAVEMENT MARKING SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	40+17.0	CL
	40+42.0	21.1' RT
	42+70.0	17.2' LT

SIGN SCHEDULE							
SIGN NO.	STATION	OFFSET	SIGN CODE *	SIGN SIZE		DESCRIPTION	REMARKS
				WIDTH (IN.)	HEIGHT (IN.)		
27	39+79.3	32.5' LT	R3-9b	24	36	CENTER LANE (TWO WAY LEFT TURN) ONLY	INSTALL NEW SIGN ON STREET LIGHT POLE**
28	40+37.5	27.0' RT	R7-9	12	18	NO PARKING BIKE LANE	INSTALL NEW SIGN AND POST
29	41+37.3	31.3' LT	R7-9	12	18	NO PARKING BIKE LANE	INSTALL NEW SIGN ON STREET LIGHT POLE**
30	42+87.5	28.5' LT	R2-1	24	30	SPEED LIMIT 30	INSTALL NEW SIGN ON STREET LIGHT POLE**
31	43+42.0	23.0' RT	R7-9	12	18	NO PARKING BIKE LANE	INSTALL NEW SIGN AND POST

*SIGN CODE PER MUTCD
**SEE CITY OF LONGVIEW STD PLAN TR-095 FOR SIGN INSTALLATION ON STREET LIGHT POLE

Channelization & Signing Plan	Beech St Sta 39+75 to Sta 46+70	----
City of Longview	Beech Street Extension	Longview, Washington

Datum: NAD83(2011)/NAVD 88

Survey Book: 1835,1835-A

Project Milestone:
BID

Date:
2/27/2020



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Project Manager: SBB

Designed by: SBB

CAD by: KAR

Checked by: KWB

Approved by: SBB

Project Number:

0461.3747

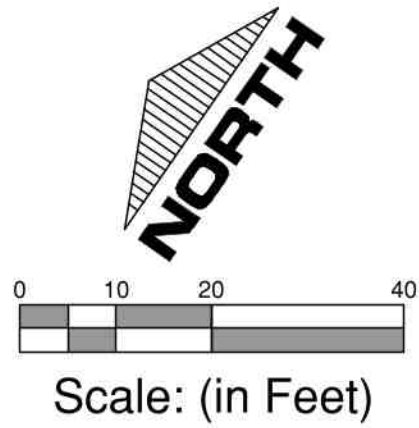
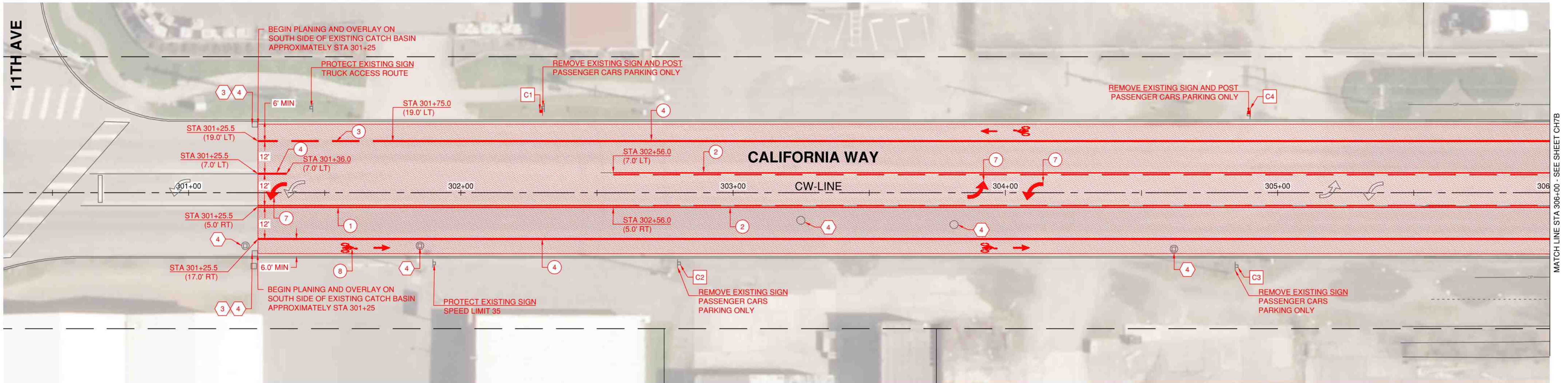
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CH6

Sheet Number:

71 of 97

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PAVEMENT MARKING SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	301+30.0	1.0' LT
	301+65.0	20.0' RT
	304+00.0	20.0' RT
	304+00.0	20.0' LT
	304+00.0	1.0' LT

PAVING LEGEND:

- HMA CL 1/2 IN PG 58V-22 PER TYPICAL ROADWAY SECTIONS
- PLANING BITUMINOUS PAVEMENT 2-INCH DEPTH. HMA CL 1/2 IN PG 58V-22 OVERLAY PER TYPICAL ROADWAY SECTIONS
- REMOVE PAVEMENT MARKINGS

PAVING CONSTRUCTION NOTES:

- REMOVE EXISTING CURB AND GUTTER AND 5 FEET OF EXISTING DRIVEWAY. CONSTRUCT CEMENT CONC TRAFFIC CURB AND GUTTER TYPE A PER CITY OF LONGVIEW STD PLAN ST-110 AND PAVE 6-INCH DEPTH OF HMA BEHIND NEW CURB AND GUTTER.
- REMOVE EXISTING PAVEMENT MARKINGS
- INSTALL STORM DRAIN INLET PROTECTION PER CITY OF LONGVIEW STD PLAN EC-095.
- PROTECT EXISTING UTILITY STRUCTURE, CASTING OR BOX

CHANNELIZATION CONSTRUCTION NOTES:

- INSTALL PROFILED PLASTIC (MMA) YELLOW DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
- INSTALL PROFILED PLASTIC (MMA) YELLOW TWO WAY LEFT TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
- INSTALL PLASTIC (MMA) WHITE WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.10-02
- INSTALL PROFILED PLASTIC (MMA) WHITE SOLID WIDE LANE LINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
- NOT USED
- INSTALL WHITE PLASTIC (MMA) STOP LINE PER WSDOT STD PLAN M-24.60-04
- INSTALL WHITE THERMOPLASTIC TRAFFIC ARROW TYPE 2SL PER WSDOT STD PLAN M-24.40-02
- INSTALL WHITE THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STD PLAN M-9.50-02
- INSTALL WHITE PLASTIC (MMA) CROSSWALK PER WSDOT STD PLAN M-15.10-01
- NOT USED
- NOT USED
- NOT USED
- INSTALL YELLOW DOUBLE CENTERLINE WITH RAISED PAVEMENT MARKERS PER WSDOT STD PLAN M-20.50-02

SIGN LEGEND:

- NEW SIGN NUMBER
- NEW SIGN
- EX SIGN
- NEW STREET LIGHT POLE

CHANNELIZATION GENERAL NOTES:

- NOT USED
- ALL NEW SIGN POSTS SHALL BE GALVANIZED SQUARE, 12-GAGE STEEL TUBE PER TO THE CITY OF LONGVIEW STD PLAN TR-080.
- TWO-WAY LEFT-TURN CHANNELIZATION SHALL BE PER WSDOT STD PLAN M-3.40-03
- NOT USED
- NOT USED
- TEMPORARY W20-901 <TRAFFIC REVISION AHEAD> (ORANGE AND BLACK) CLASS A CONSTRUCTION SIGNS SHALL BE PLACED FOR 2 WEEKS AFTER NEW CHANNELIZATION IS INSTALLED FOR ALL DIRECTIONS AT EACH INTERSECTION AS DIRECTED BY THE CITY.

SIGN SCHEDULE						
SIGN NO.	STATION	OFFSET	SIGN CODE *	SIGN SIZE		REMARKS
				WIDTH (IN.)	HEIGHT (IN.)	
C1	302+30.0	30.0' LT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN AND POST
C2	302+80.0	27.0' RT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN ON EXISTING POST
C3	304+85.0	27.0' RT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN ON EXISTING POST
C4	304+90.0	29.5' LT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN AND POST

*SIGN CODE PER MUTCD
**SEE CITY OF LONGVIEW STD PLAN TR-095 FOR SIGN INSTALLATION ON STREET LIGHT POLE
STATIONS AND OFFSETS OF ARE APPROXIMATE AND SHALL BE FIELD LOCATED AND APPROVED BY CITY

Paving, Channelization & Signing Plan		
City of Longview		California Way Sta 300+30 to Sta 306+00
Beech Street Extension		California Way
Longview, Washington		

Datum: NAD83(2011)/NAVD 88

Survey Book: 1835,1835-A

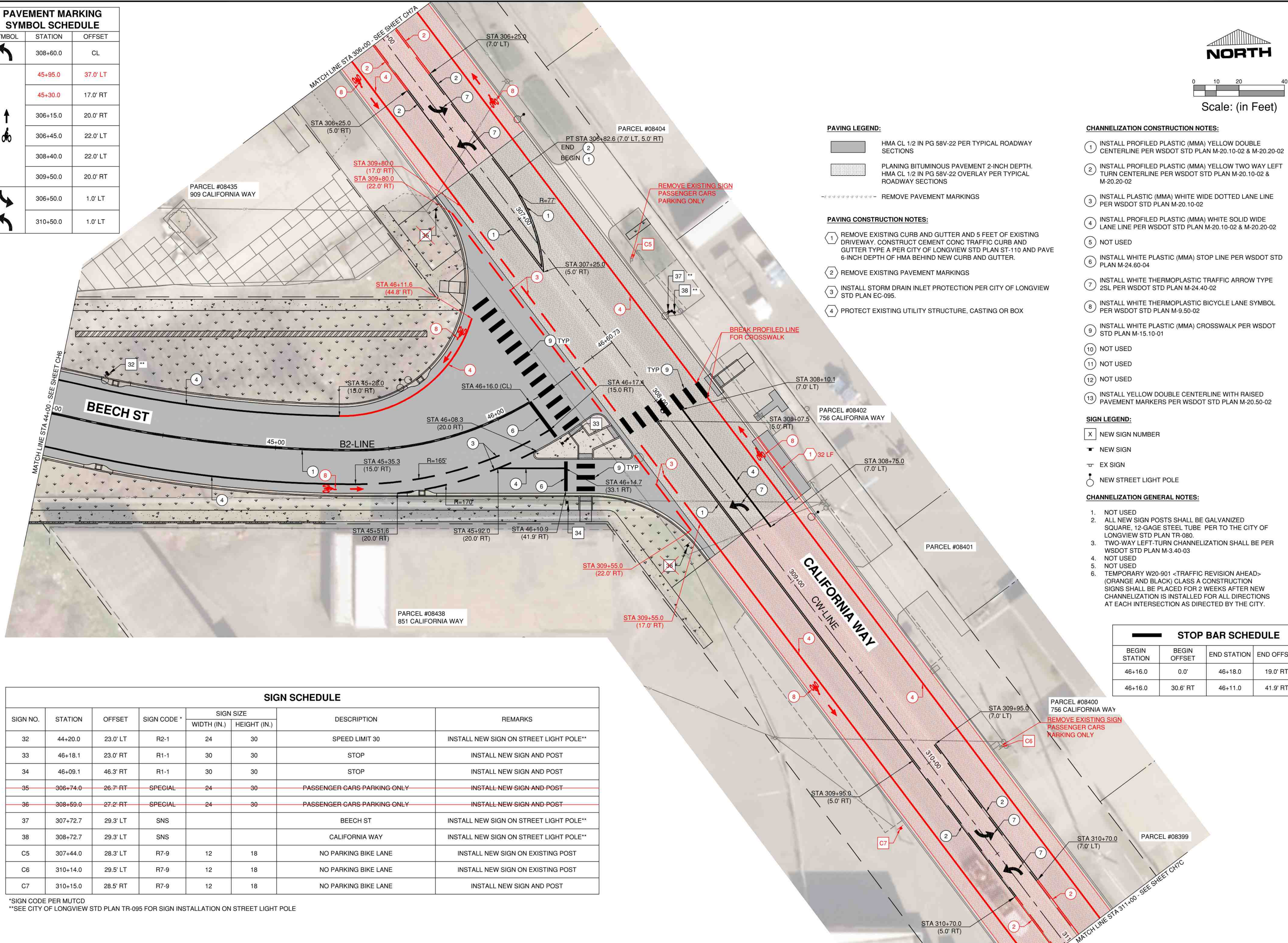
Project Milestone:
CONST.

Date:
6/4/2021

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Project Manager: SBB
Designed by: KWB
CAD by: KWB
Checked by: SBB
Approved by: SBB
Project Number:
0461.3747
Drawing Number:
CH7A
Sheet Number:
1 of 3

DRAWING: T:\CIVIL_3D\PROJECTS\04613747\ACT\FIGURES AND EXHIBITS\04613747 CAL WY PAVING, CHANNELIZATION, SIGNING, LAYOUT TAB: CH7B, PLOT DATE: 6/28/2021 1:57:03 PM, DRAWING SAVE DATE: 6/28/2021 1:12:23 PM, PLOTTED BY: KRUSBY
PROFILE: GIBBS & OLSON STANDARD — DWG TO PDF.PC3, PLOT STYLE: TABLE: GIBBS-OLSON STANDARD MONOCHROME WITH RED/CTB, PAPER SIZE: GIBBS & OLSON — PLANSHEET D SIZE (34.00 X 22.00 INCHES)

PAVEMENT MARKING SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	308+60.0	CL
	45+95.0	37.0' LT
	45+30.0	17.0' RT
	306+15.0	20.0' RT
	306+45.0	22.0' LT
	308+40.0	22.0' LT
	309+50.0	20.0' RT
	306+50.0	1.0' LT
	310+50.0	1.0' LT



PAVING LEGEND:

- HMA CL 1/2 IN PG 58V-22 PER TYPICAL ROADWAY SECTIONS
- PLANING BITUMINOUS PAVEMENT 2-INCH DEPTH, HMA CL 1/2 IN PG 58V-22 OVERLAY PER TYPICAL ROADWAY SECTIONS
- REMOVE PAVEMENT MARKINGS

PAVING CONSTRUCTION NOTES:

- REMOVE EXISTING CURB AND GUTTER AND 5 FEET OF EXISTING DRIVEWAY, CONSTRUCT CEMENT CONC TRAFFIC CURB AND GUTTER TYPE A PER CITY OF LONGVIEW STD PLAN ST-110 AND PAVE 6-INCH DEPTH OF HMA BEHIND NEW CURB AND GUTTER.
- REMOVE EXISTING PAVEMENT MARKINGS
- INSTALL STORM DRAIN INLET PROTECTION PER CITY OF LONGVIEW STD PLAN EC-095.
- PROTECT EXISTING UTILITY STRUCTURE, CASTING OR BOX

CHANNELIZATION CONSTRUCTION NOTES:

- INSTALL PROFILED PLASTIC (MMA) YELLOW DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
- INSTALL PROFILED PLASTIC (MMA) YELLOW TWO WAY LEFT TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
- INSTALL PLASTIC (MMA) WHITE WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.10-02
- INSTALL PROFILED PLASTIC (MMA) WHITE SOLID WIDE LANE LINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
- NOT USED
- INSTALL WHITE PLASTIC (MMA) STOP LINE PER WSDOT STD PLAN M-24.60-04
- INSTALL WHITE THERMOPLASTIC TRAFFIC ARROW TYPE 2SL PER WSDOT STD PLAN M-24.40-02
- INSTALL WHITE THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STD PLAN M-9.50-02
- INSTALL WHITE PLASTIC (MMA) CROSSWALK PER WSDOT STD PLAN M-15.10-01
- NOT USED
- NOT USED
- NOT USED
- INSTALL YELLOW DOUBLE CENTERLINE WITH RAISED PAVEMENT MARKERS PER WSDOT STD PLAN M-20.50-02

SIGN LEGEND:

- NEW SIGN NUMBER
- NEW SIGN
- EX SIGN
- NEW STREET LIGHT POLE

CHANNELIZATION GENERAL NOTES:

- NOT USED
- ALL NEW SIGN POSTS SHALL BE GALVANIZED SQUARE, 12-GAGE STEEL TUBE PER TO THE CITY OF LONGVIEW STD PLAN TR-080.
- TWO-WAY LEFT-TURN CHANNELIZATION SHALL BE PER WSDOT STD PLAN M-3.40-03
- NOT USED
- NOT USED
- TEMPORARY W20-901 <TRAFFIC REVISION AHEAD> (ORANGE AND BLACK) CLASS A CONSTRUCTION SIGNS SHALL BE PLACED FOR 2 WEEKS AFTER NEW CHANNELIZATION IS INSTALLED FOR ALL DIRECTIONS AT EACH INTERSECTION AS DIRECTED BY THE CITY.

STOP BAR SCHEDULE

BEGIN STATION	BEGIN OFFSET	END STATION	END OFFSET
46+16.0	0.0'	46+18.0	19.0' RT
46+16.0	30.6' RT	46+11.0	41.9' RT

SIGN SCHEDULE						
SIGN NO.	STATION	OFFSET	SIGN CODE *	SIGN SIZE		REMARKS
				WIDTH (IN.)	HEIGHT (IN.)	
32	44+20.0	23.0' LT	R2-1	24	30	SPEED LIMIT 30 INSTALL NEW SIGN ON STREET LIGHT POLE**
33	46+18.1	23.0' RT	R1-1	30	30	STOP INSTALL NEW SIGN AND POST
34	46+09.1	46.3' RT	R1-1	30	30	STOP INSTALL NEW SIGN AND POST
35	306+74.0	26.7' RT	SPECIAL	24	30	PASSENGER CARS PARKING ONLY INSTALL NEW SIGN AND POST
36	308+59.0	27.2' RT	SPECIAL	24	30	PASSENGER CARS PARKING ONLY INSTALL NEW SIGN AND POST
37	307+72.7	29.3' LT	SNS			BEECH ST INSTALL NEW SIGN ON STREET LIGHT POLE**
38	308+72.7	29.3' LT	SNS			CALIFORNIA WAY INSTALL NEW SIGN ON STREET LIGHT POLE**
C5	307+44.0	28.3' LT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN ON EXISTING POST
C6	310+14.0	29.5' LT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN ON EXISTING POST
C7	310+15.0	28.5' RT	R7-9	12	18	NO PARKING BIKE LANE INSTALL NEW SIGN AND POST

*SIGN CODE PER MUTCD
**SEE CITY OF LONGVIEW STD PLAN TR-095 FOR SIGN INSTALLATION ON STREET LIGHT POLE

City of Longview	Paving, Channelization & Signing Plan	
	California Way Sta 306+00 to Sta 311+00	
	California Way	
Beech Street Extension		Longview, Washington

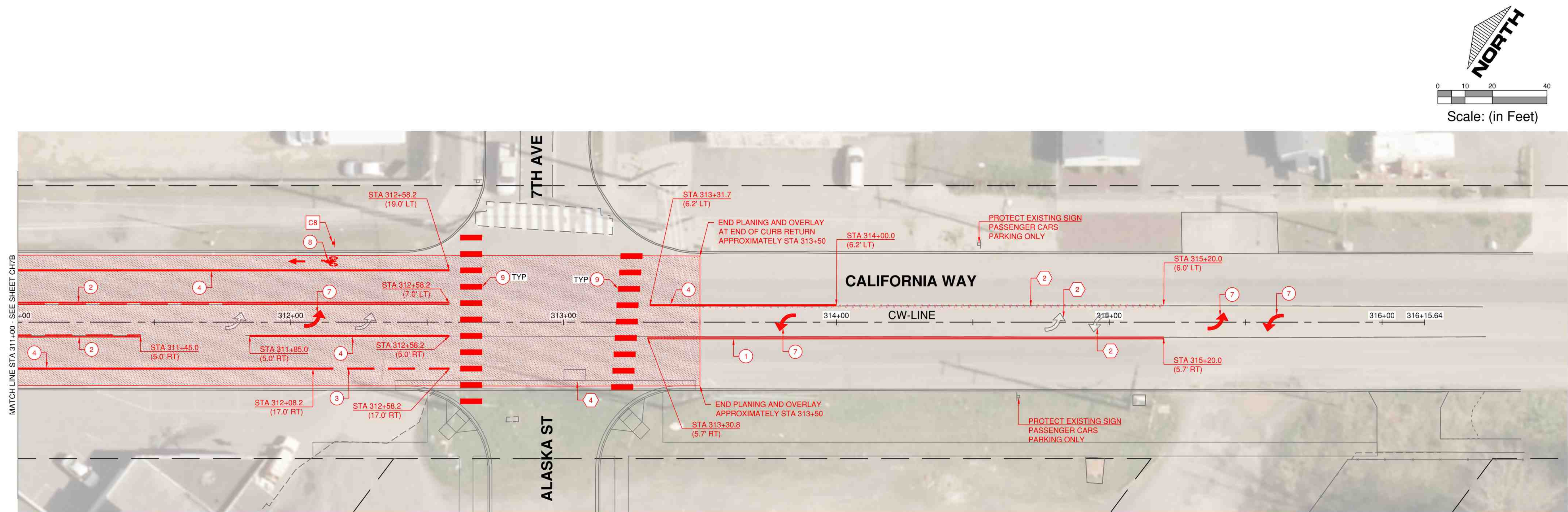
Datum: NAD83(2011)/NAVD 88

Survey Book: 1835,1835-A

Project Milestone:
CONST.

Date:
6/4/2021

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Project Manager: SBB
Designed by: KWB
CAD by: KWB
Checked by: SBB
Approved by: SBB
Project Number:
0461.3747
Drawing Number:
CH7B
Sheet Number:
2 of 3



PAVEMENT MARKING SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	312+08.0	1.0' LT
	313+82.0	0.3' LT
	312+08.0	22.0' RT
 	315+50.0	0.3' LT

SIGN SCHEDULE							
SIGN NO.	STATION	OFFSET	SIGN CODE *	SIGN SIZE		DESCRIPTION	REMARKS
				WIDTH (IN.)	HEIGHT (IN.)		
C8	312+16.0	30.0' LT	R7-9	12	18	NO PARKING BIKE LANE	INSTALL NEW SIGN AND POST

**SEE CITY OF LONGVIEW STD PLAN TR-095 FOR SIGN INSTALLATION ON STREET LIGHT POLE STATIONS AND OFFSETS OF ARE APPROXIMATE AND SHALL BE FIELD LOCATED AND APPROVED BY CITY

PAVING LEGEND:

- | | |
|---|--|
|  | HMA CL 1/2 IN PG 58V-22 PER TYPICAL ROADWAY SECTIONS |
|  | PLANING BITUMINOUS PAVEMENT 2-INCH DEPTH. HMA CL 1/2 IN PG 58V-22 OVERLAY PER TYPICAL ROADWAY SECTIONS |
|  | REMOVE PAVEMENT MARKINGS |

PAVING CONSTRUCTION NOTES:

- 1 REMOVE EXISTING CURB AND GUTTER AND 5 FEET OF EXISTING DRIVEWAY. CONSTRUCT CEMENT CONC TRAFFIC CURB AND GUTTER TYPE A PER CITY OF LONGVIEW STD PLAN ST-110 AND PAVE 6-INCH DEPTH OF HMA BEHIND NEW CURB AND GUTTER.
- 2 REMOVE EXISTING PAVEMENT MARKINGS
- 3 INSTALL STORM DRAIN INLET PROTECTION PER CITY OF LONGVIEW STD PLAN EC-095.
- 4 PROTECT EXISTING UTILITY STRUCTURE, CASTING OR BOX

CHANNELIZATION CONSTRUCTION NOTES:

1. INSTALL PROFILED PLASTIC (MMA) YELLOW DOUBLE CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
2. INSTALL PROFILED PLASTIC (MMA) YELLOW TWO WAY LEFT TURN CENTERLINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
3. INSTALL PLASTIC (MMA) WHITE WIDE DOTTED LANE LINE PER WSDOT STD PLAN M-20.10-02
4. INSTALL PROFILED PLASTIC (MMA) WHITE SOLID WIDE LANE LINE PER WSDOT STD PLAN M-20.10-02 & M-20.20-02
5. NOT USED
6. INSTALL WHITE PLASTIC (MMA) STOP LINE PER WSDOT STD PLAN M-24.60-04
7. INSTALL WHITE THERMOPLASTIC TRAFFIC ARROW TYPE 2SL PER WSDOT STD PLAN M-24.40-02
8. INSTALL WHITE THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STD PLAN M-9.50-02
9. INSTALL WHITE PLASTIC (MMA) CROSSWALK PER WSDOT STD PLAN M-15.10-01
10. NOT USED
11. NOT USED
12. NOT USED
13. INSTALL YELLOW DOUBLE CENTERLINE WITH RAISED PAYMENT MARKERS PER WSDOT STD PLAN M-20.50-02

SIGN LEGEND:

-  NEW SIGN NUMBER
-  NEW SIGN
-  EX SIGN
-  NEW STREET LIGHT POLE

CHANNELIZATION GENERAL NOTES:

1. NOT USED
2. ALL NEW SIGN POSTS SHALL BE GALVANIZED
SQUARE, 12-GAGE STEEL TUBE PER TO THE CITY OF
LONGVIEW STD PLAN M-34-03
3. TWO-WAY LEFT-TURN CHANNELIZATION SHALL BE PER
WSDOT STD PLAN M-34-03
4. NOT USED
5. NOT USED
6. TEMPORARY W20-901 <TRAFFIC REVISION AHEAD>
(ORANGE AND BLACK) CLASS A CONSTRUCTION
SIGNS SHALL BE PLACED FOR 2 WEEKS AFTER NEW
CHANNELIZATION IS INSTALLED FOR ALL DIRECTIONS
AT EACH INTERSECTION AS DIRECTED BY THE CITY.