



# MULLAN

— BUILD —

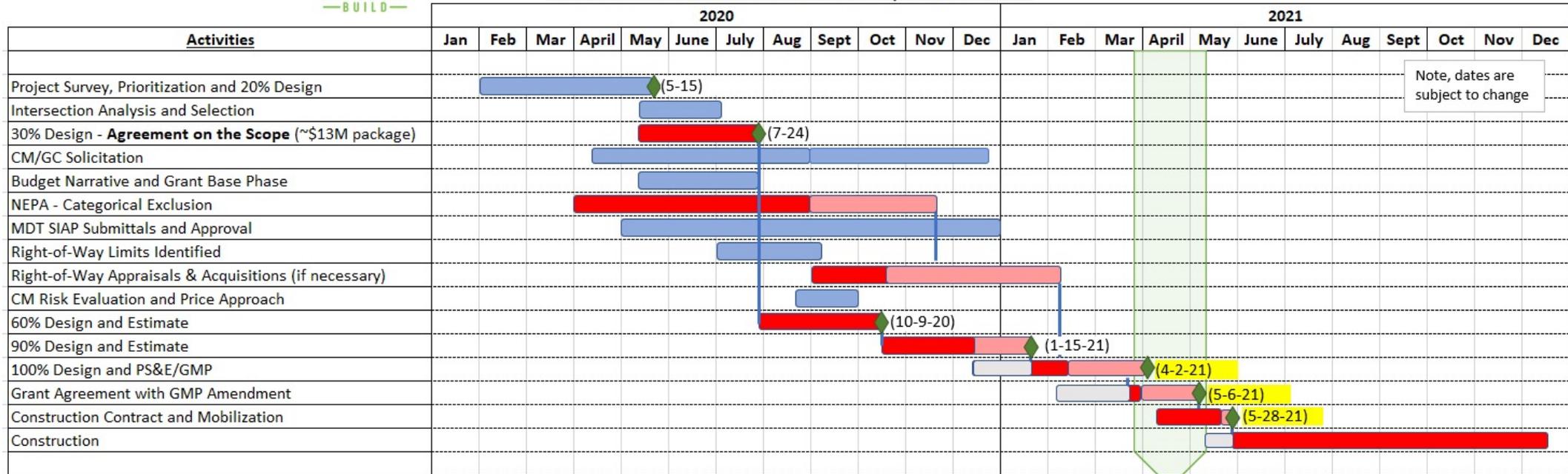
## MULLAN BUILD PROJECT

### BREAKOUT SESSION A DESIGN FEATURES

# OVERVIEW OF DESIGN STAGES



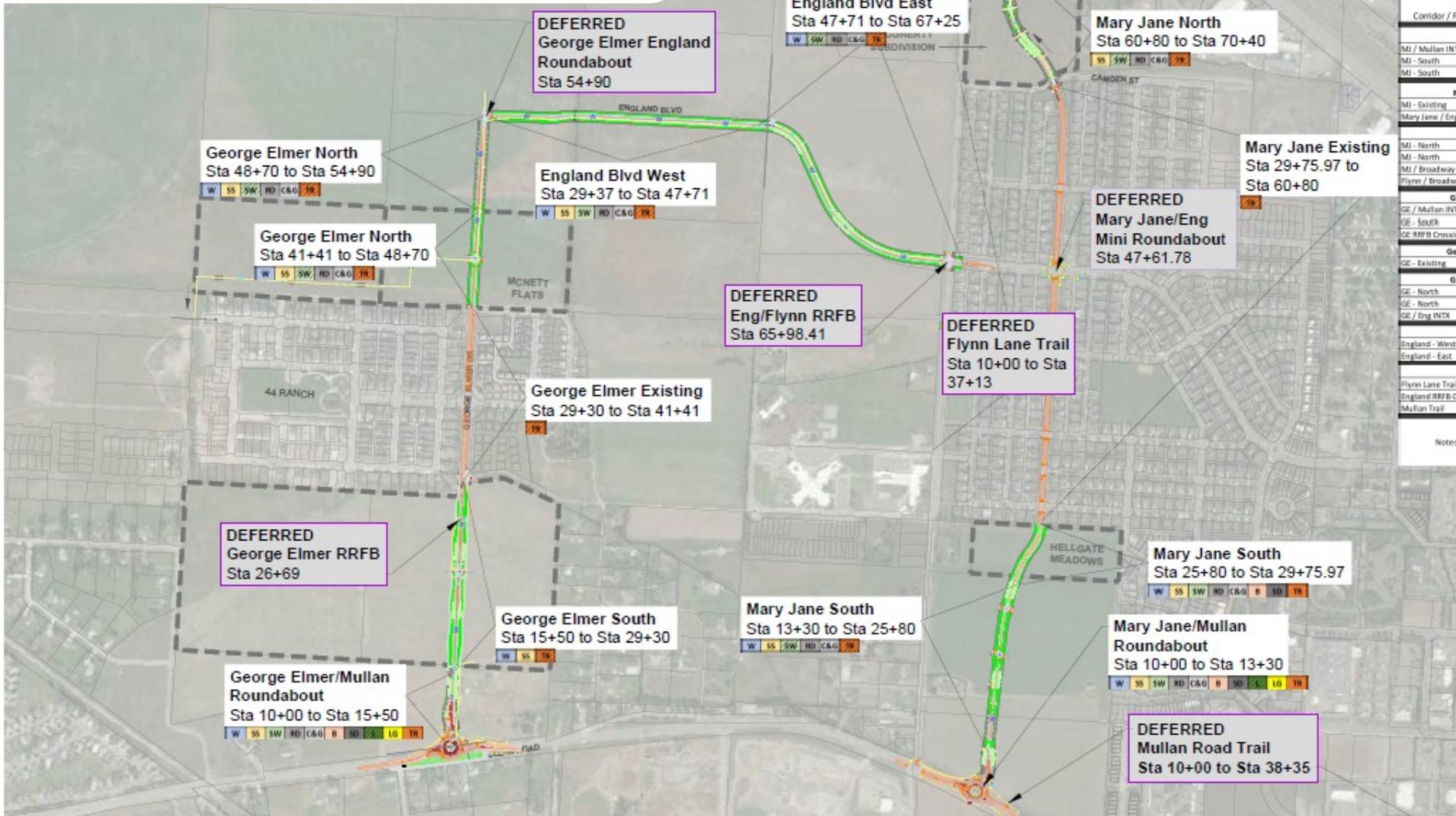
Mullan BUILD Milestone Schedule - updated 3.18.21



Master Plan / 20% Design -> 30% Design -> 60% Design -> 90% Design -> 100 % Design -> Construction



# FULL PROJECT SCOPE OVERVIEW



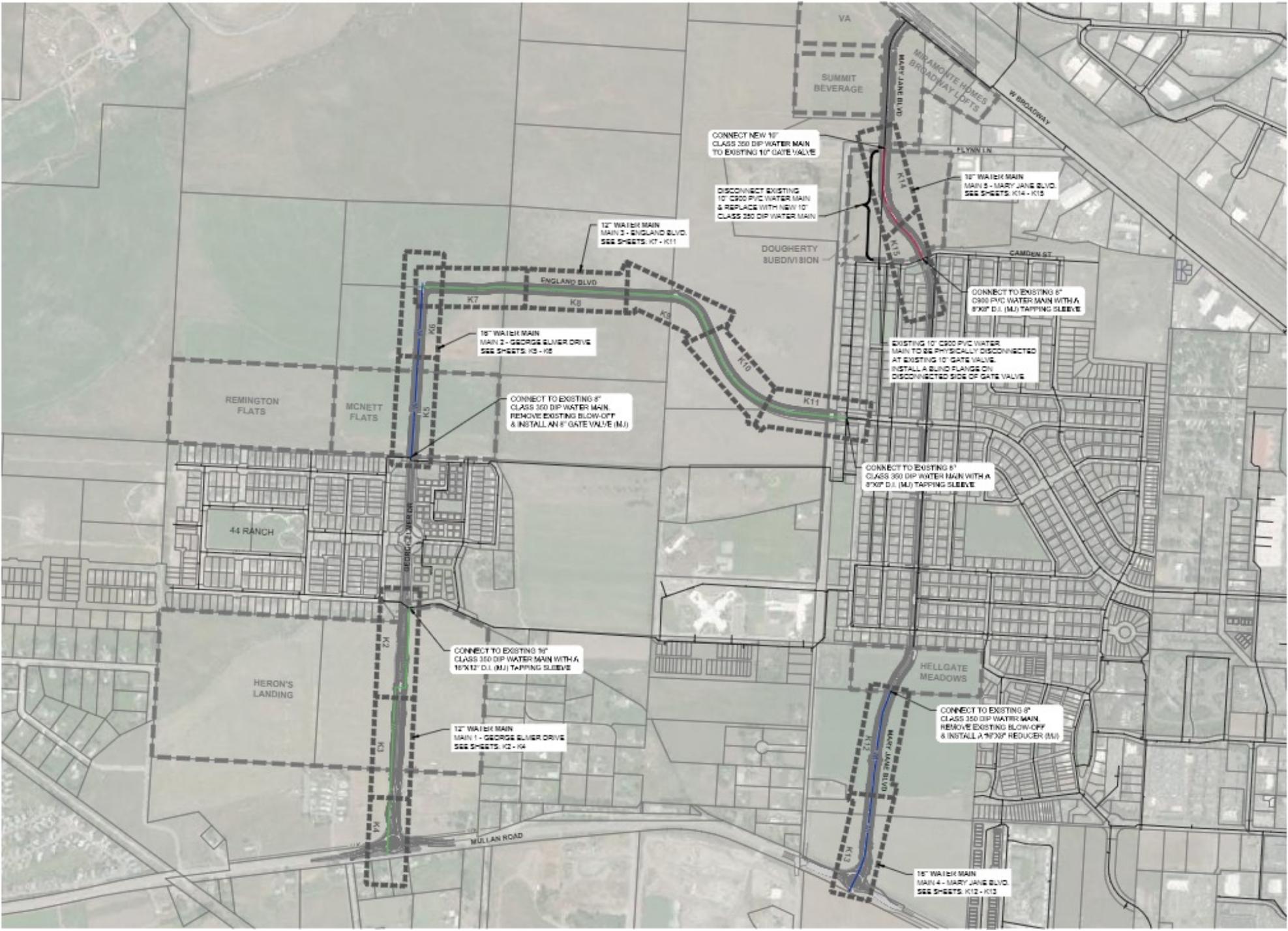
CONTRACT SCOPE SUMMARY TABLE

Corridor / Feature	Station	W	SS	SW	RD	C&G	B	SD	LG	TR	D	
		Water Utility	Sewer Utility	Stormwater Utility	Roadway	Curb and Gutter	Bike Facilities	Sidewalk	Landscaping	Lighting	Stripe & Signing	Fully Deferred
<b>Mary Jane South</b>												
MI / Mullan INTX	10+00 to 13+30											
MI - South	13+30 to 25+80											
MI - South	25+80 to 29+75.97											
<b>Mary Jane - Existing</b>												
MI - Existing	29+75.97 to 60+80											
Mary Jane / Eng INTX	47+61.78											
<b>Mary Jane - North</b>												
MI - North	60+80 to 70+40											
MI - North	70+40 to 81+35											
MI / Broadway INTX	N/A										MDT	
Flynn / Broadway INTX	N/A										MDT	
<b>George Elmer - South</b>												
GE / Mullan INTX	10+00 to 15+50											
GE - South	15+50 to 29+30											
GE RRFB Crossing	26+69											
<b>George Elmer - Existing</b>												
GE - Existing	29+30 to 41+41											
<b>George Elmer - North</b>												
GE - North	41+41 to 48+70											
GE - North	48+70 to 54+90											
GE / Eng INTX	54+00											
<b>England Blvd</b>												
England - West	29+37 to 47+71											
England - East	47+71 to 67+25											
<b>Trails</b>												
Flynn Lane Trail	10+00 to 37+13											
England RRFB Crossing	Eng 65+98.41											
Mullan Trail	10+00 to 38+35											
<b>Notes</b>												
		Scope to be completed by MDT lead project										MDT
		Partial facilities scope installed										
		Scope to be completed with BUILD Project										
		Scope to be deferred and constructed with other funding										

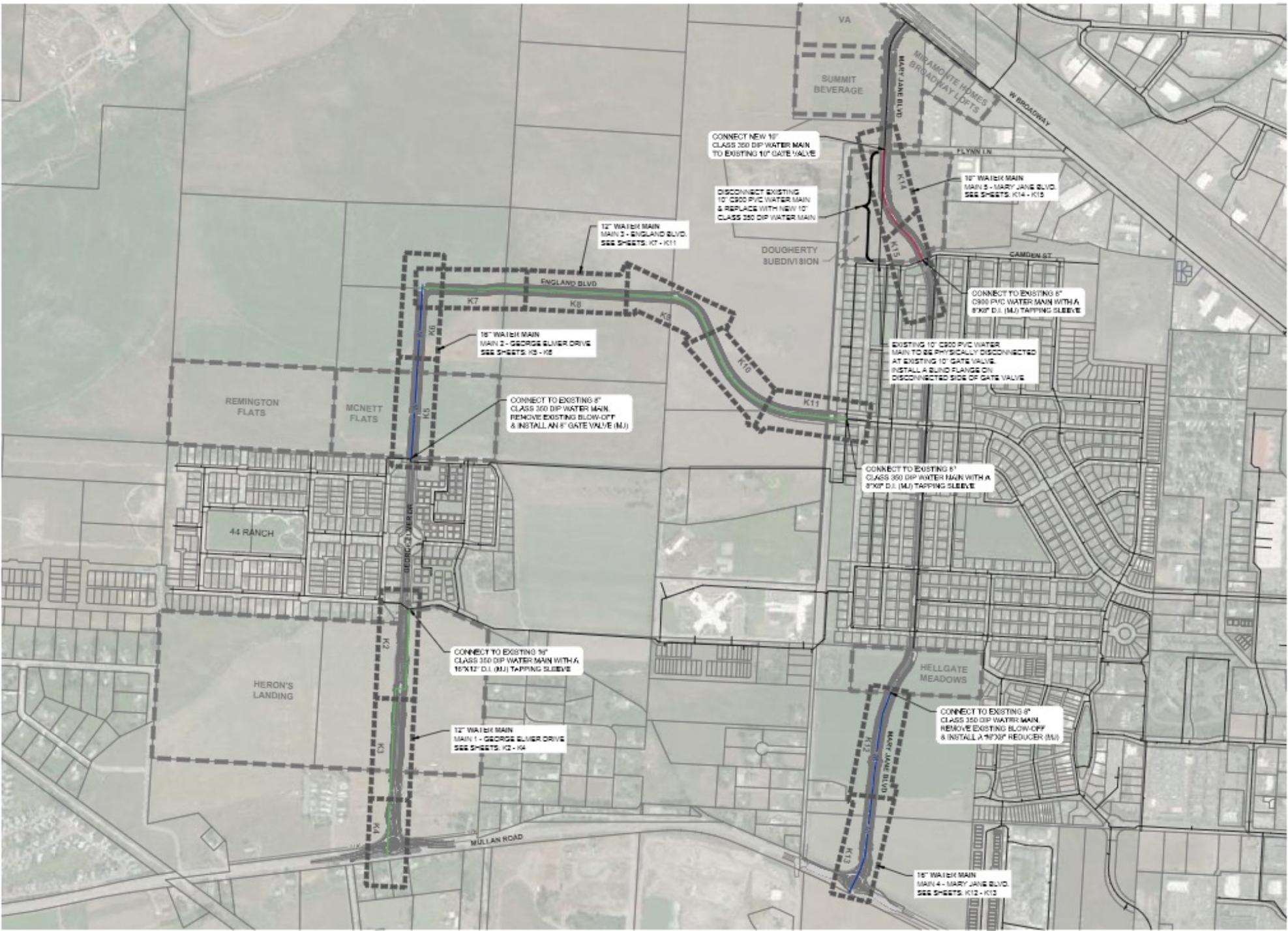
LEGEND

- WATER UTILITY
- SEWER UTILITY
- STORMWATER
- ROADWAY
- CURB AND GUTTER
- BIKE FACILITIES
- SIDEWALK
- LANDSCAPING
- LIGHTING
- STRIPE & SIGNING
- FULLY DEFERRED

# WATER SYSTEMS OVERVIEW

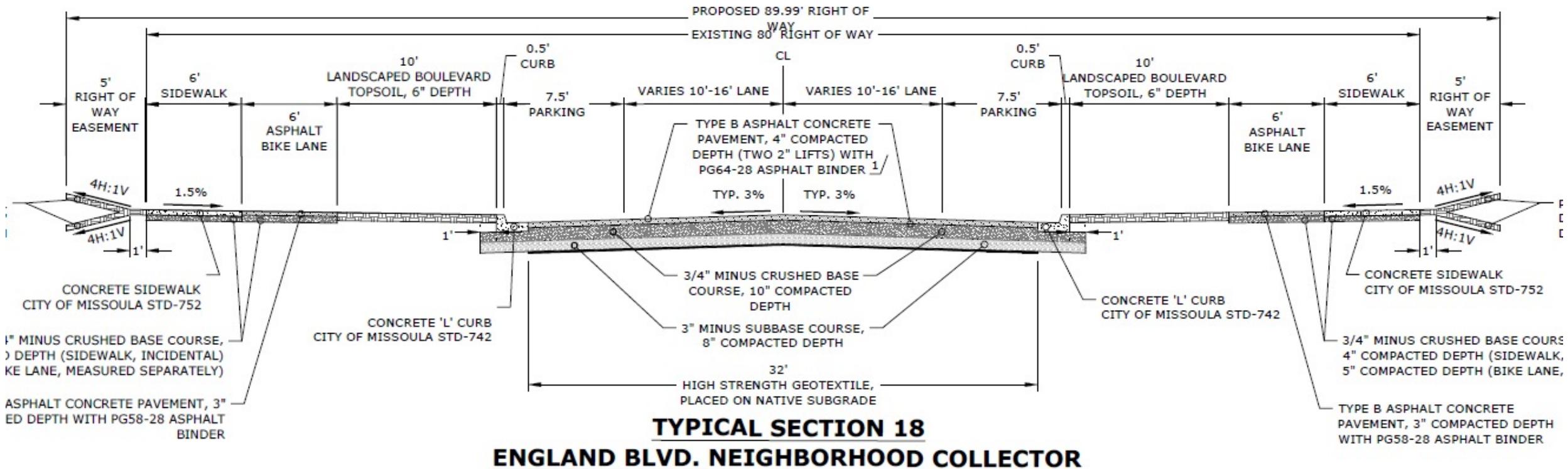


# SEWER SYSTEM OVERVIEW

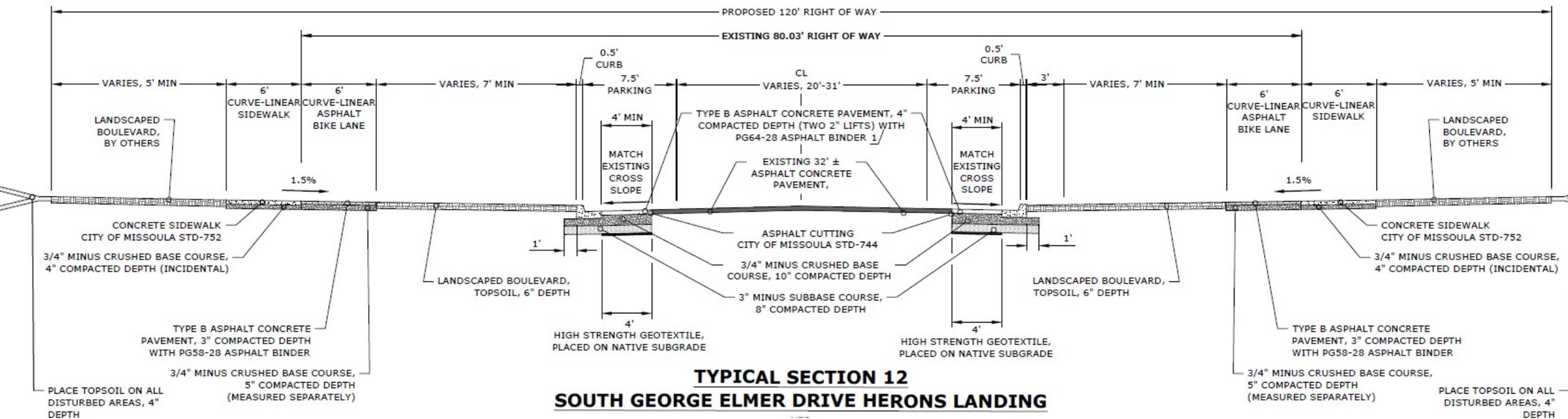




# TYPICAL SECTION – ENGLAND BOULEVARD

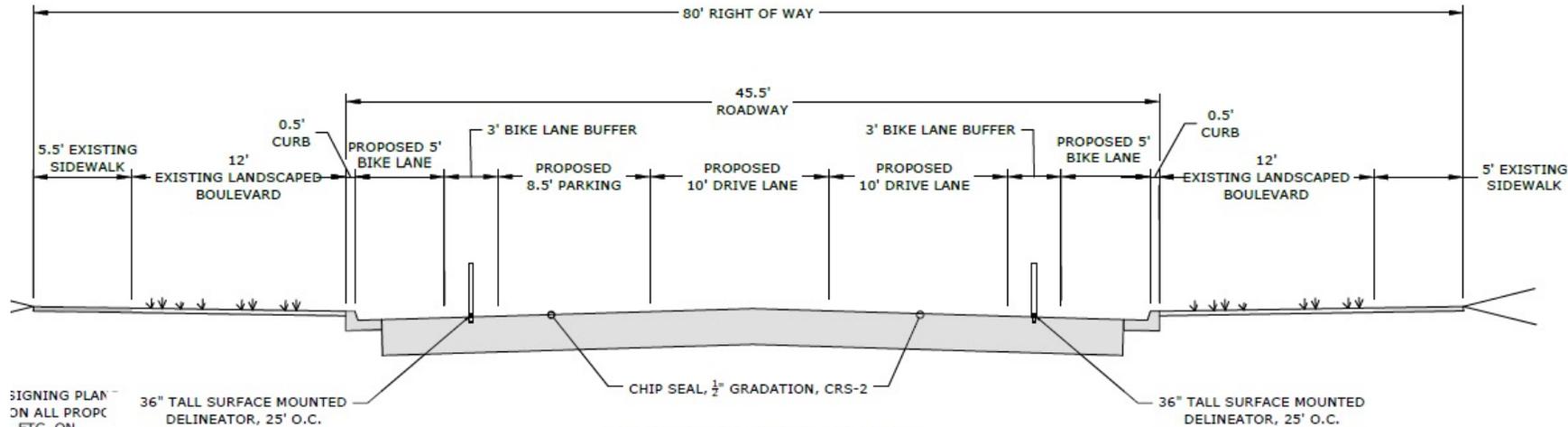


# TYPICAL SECTIONS – GEORGE ELMER

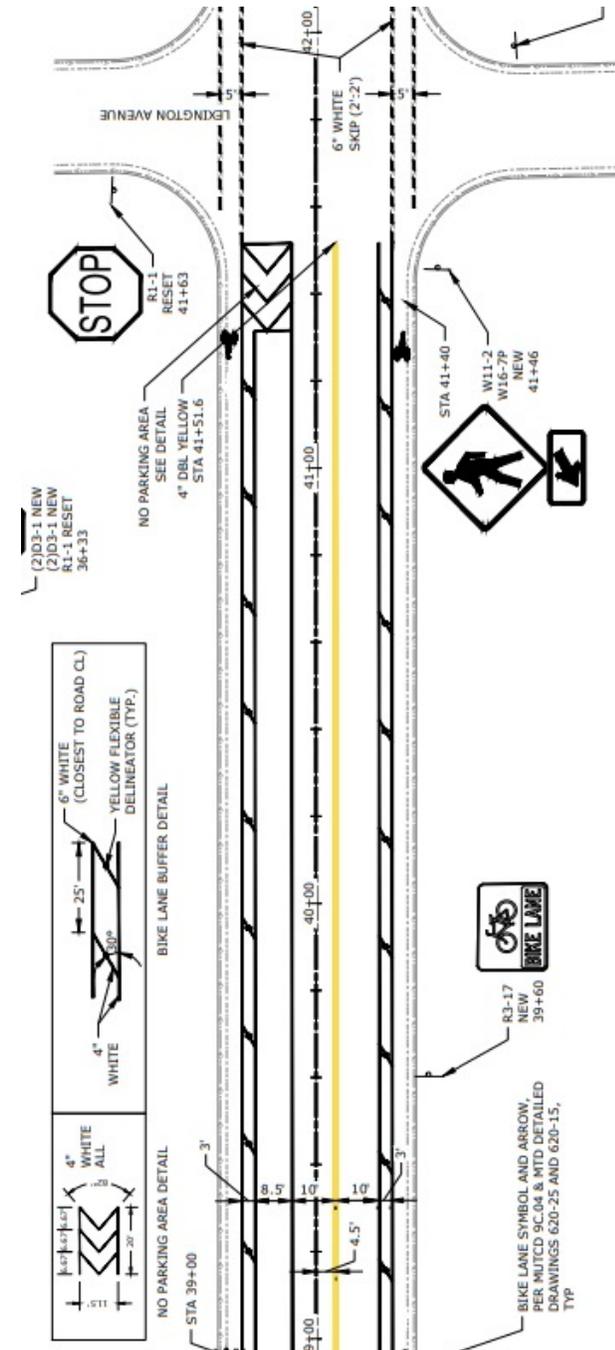


# MARY JANE – EXISTING RECONFIGURATION

- Parking on the east side of Mary Jane Boulevard from Melrose Place to Camden Street will be eliminated.
- This aligns with public feedback collected during the Mullan Area Master Plan and allows for the addition of protected bike lanes.
- The addition of bike lanes will allow for increased bike path connectivity and a safer commute for all users.



**TYPICAL SECTION 1**  
**SOUTH MARY & NORTH JANE BLVD.**  
**EXISTING NEIGHBORHOOD COLLECTOR**

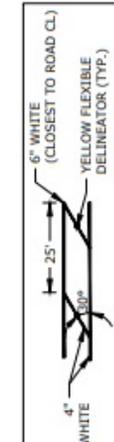


SIGNING PLAN ON ALL PROPOSED DELINEATORS, ETC. ON

36" TALL SURFACE MOUNTED DELINEATOR, 25' O.C.

CHIP SEAL, 1/2" GRADATION, CRS-2

36" TALL SURFACE MOUNTED DELINEATOR, 25' O.C.



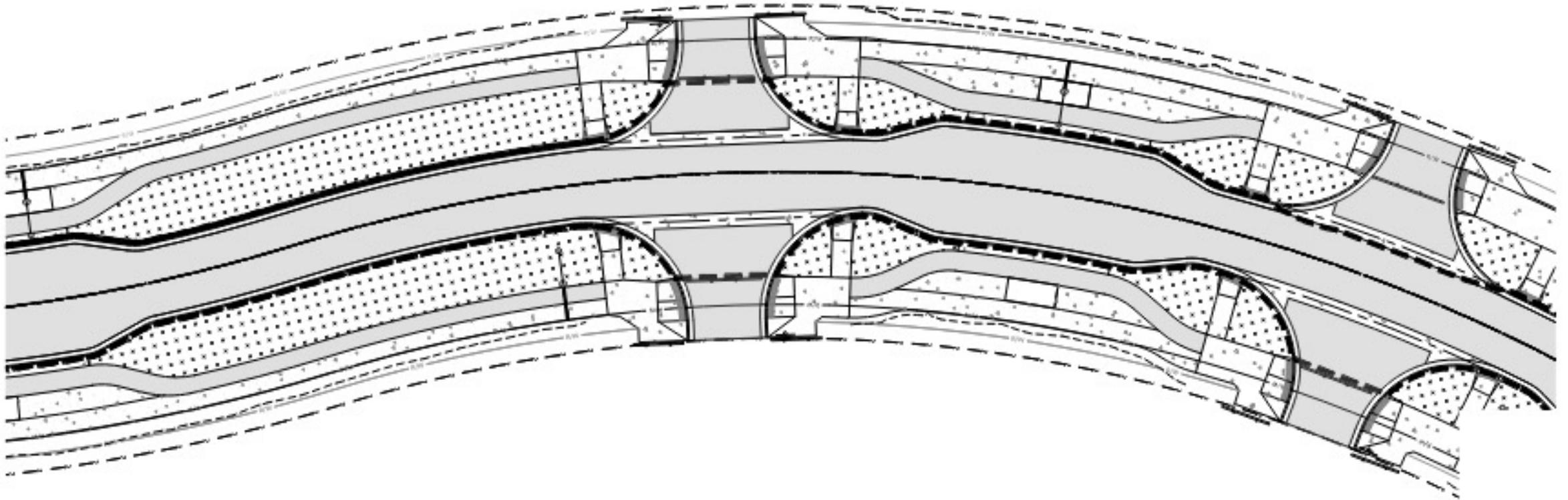
NO PARKING AREA DETAIL

BIKE LANE SYMBOL AND ARROW PER MUTCD 8C.04 & MTD, DETAILED DRAWINGS 620-25 AND 620-15, TYP

# MARY JANE NORTH – PLAN VIEW

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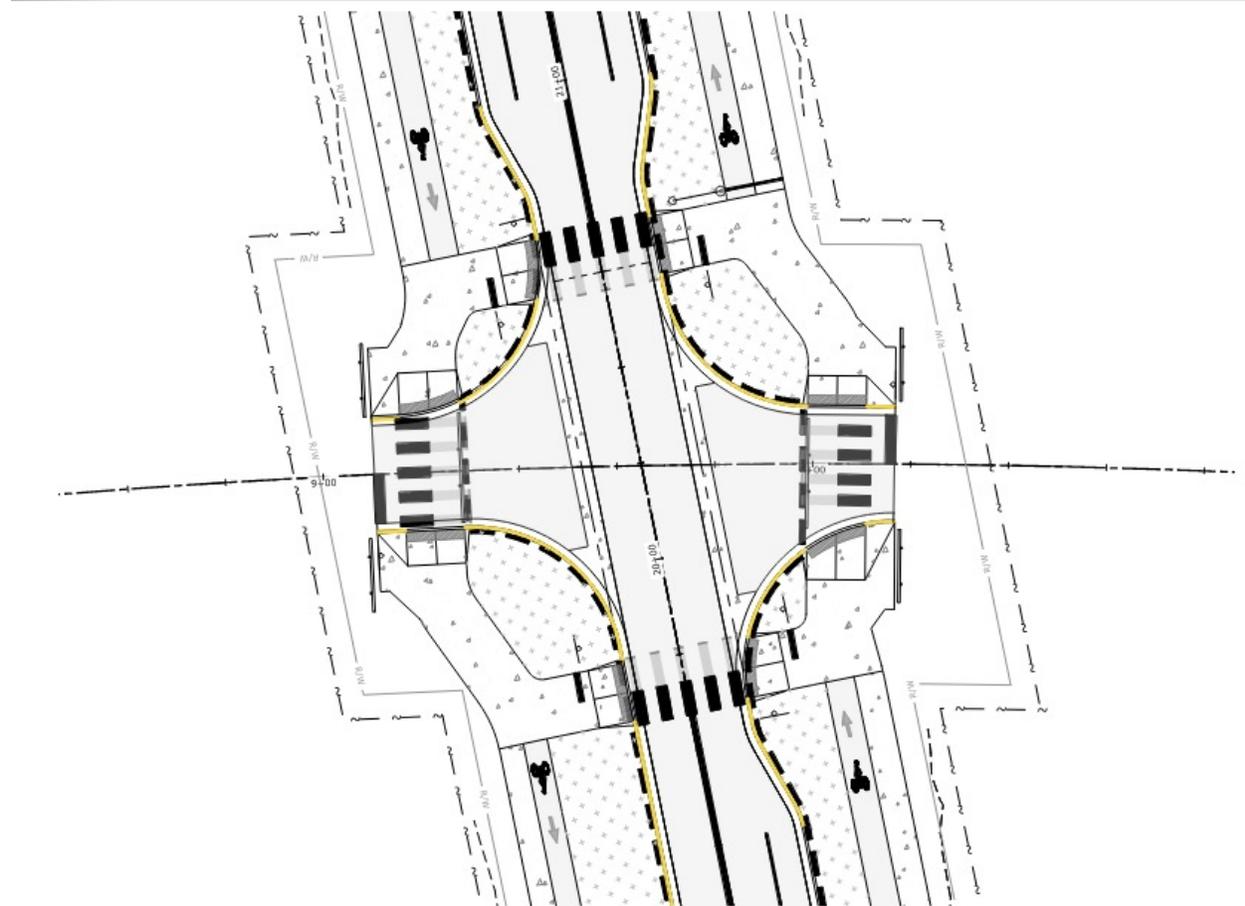
[STA 63+00 -67+20]



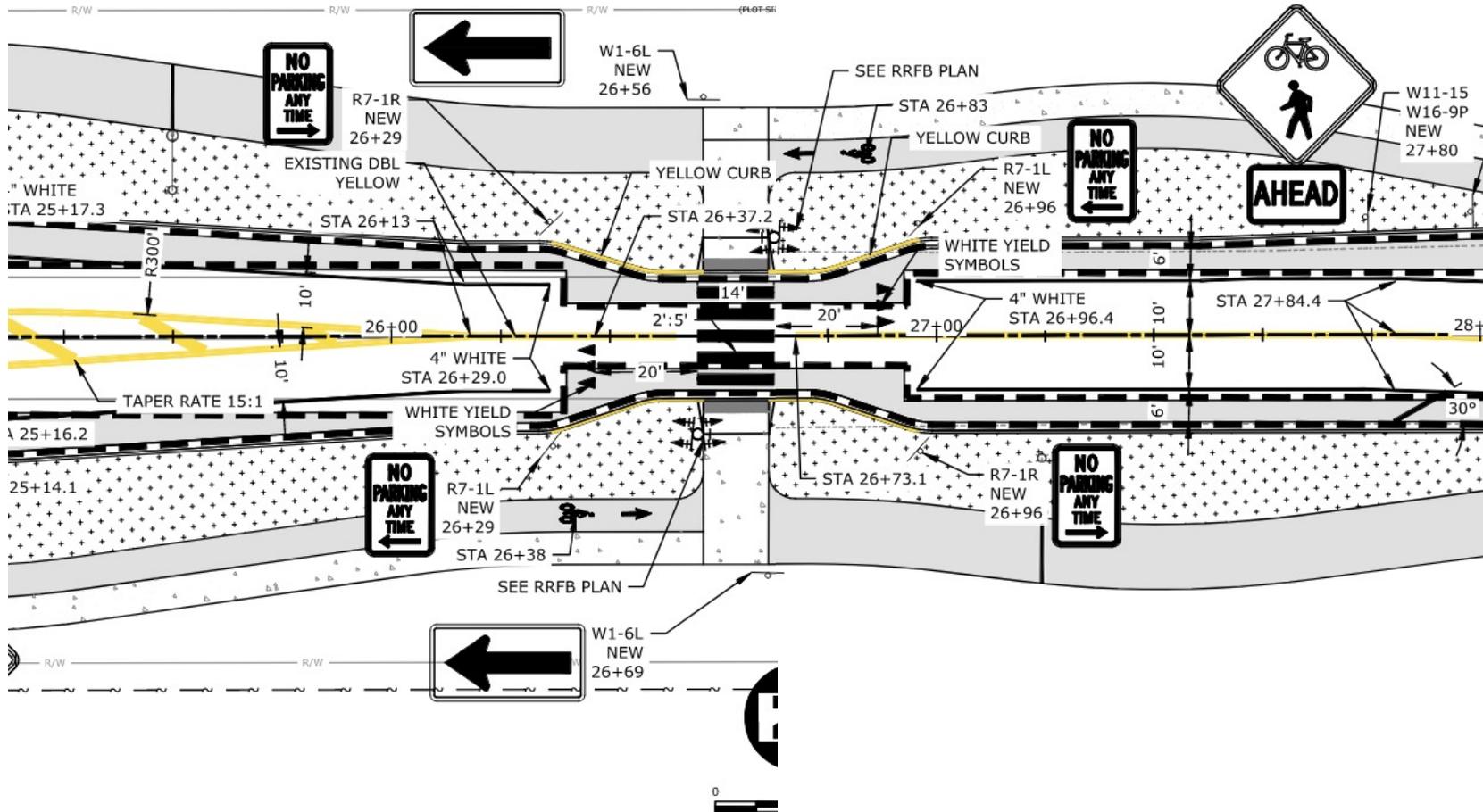
# BULB-OUT INTERSECTIONS

## MARY JANE/O'LEARY

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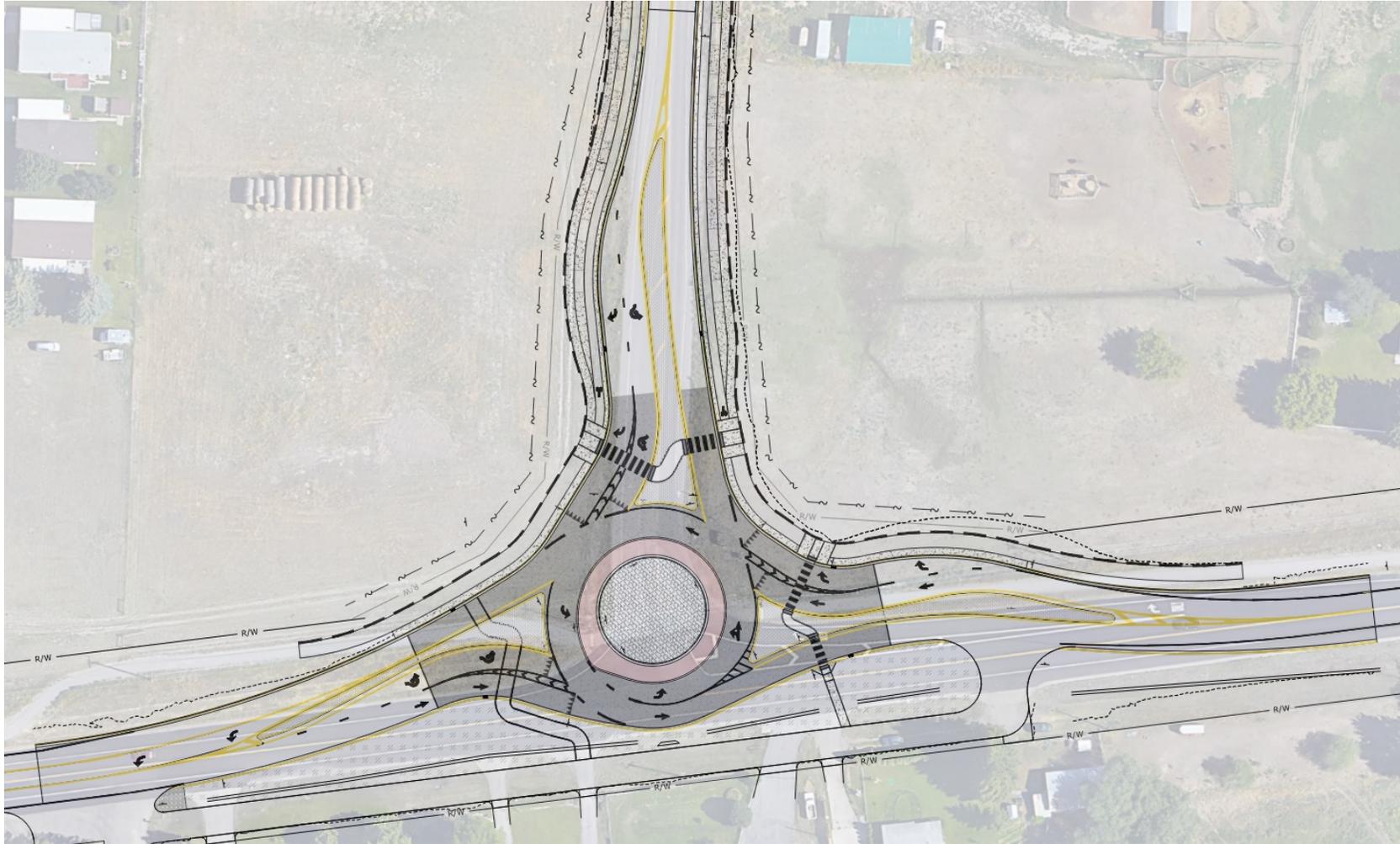


# MID BLOCK CROSSING - TIPPERARY WAY TRAIL



# ROUNDBABOUTS – GEORGE ELMER + MULLAN

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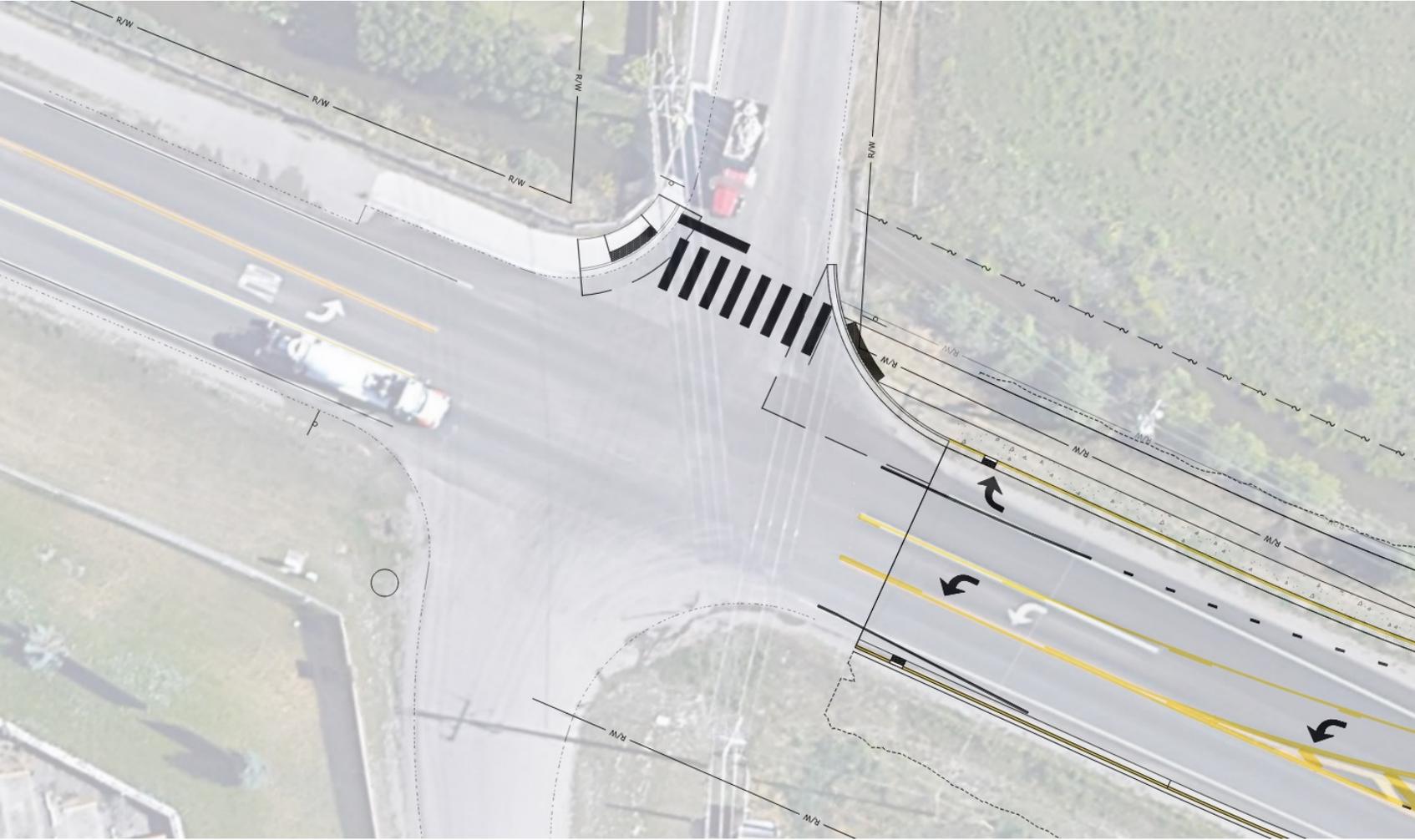
# ROUNDAABOUTS – MARY JANE + MULLAN

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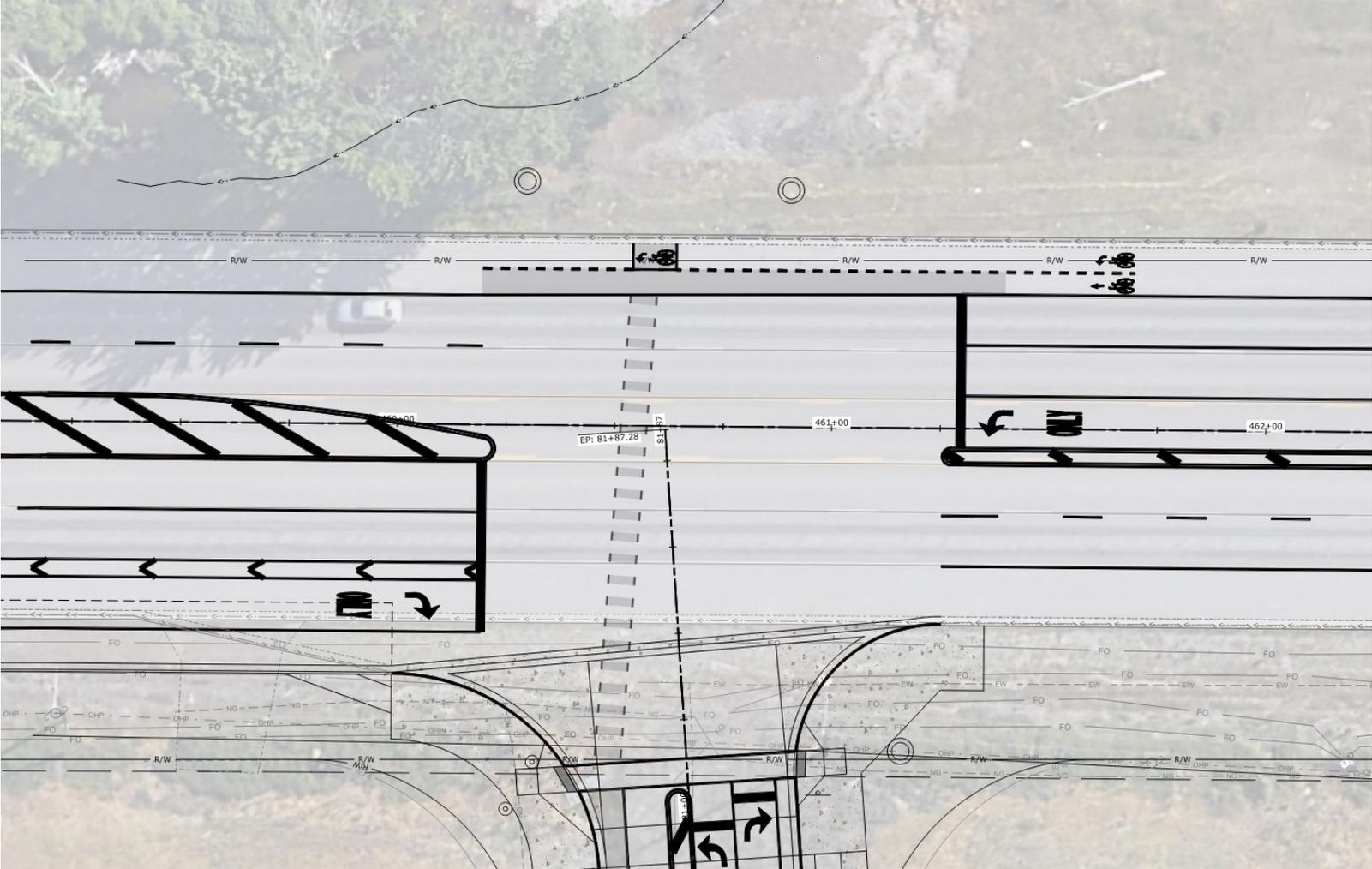
# FLYNN + MULLAN INTERSECTION

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# SIGNAL – MARY + BROADWAY (MDT PROJECT)

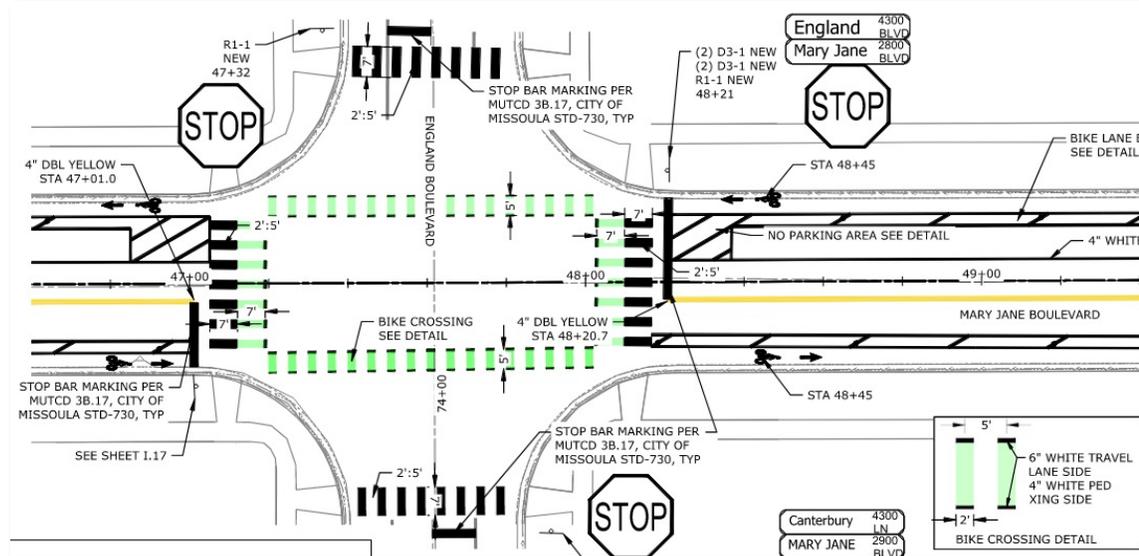
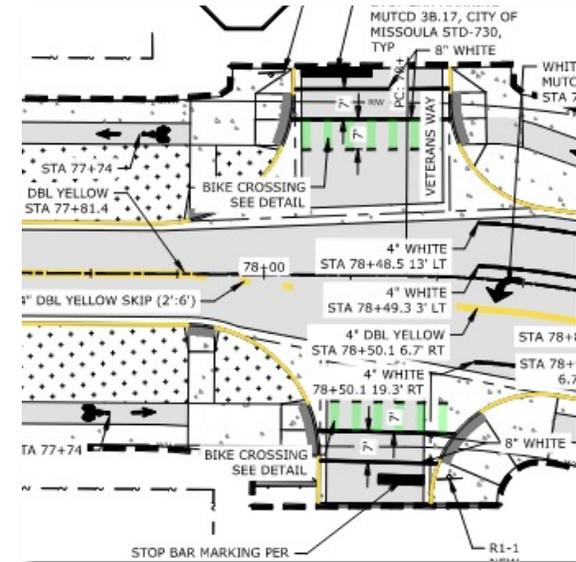
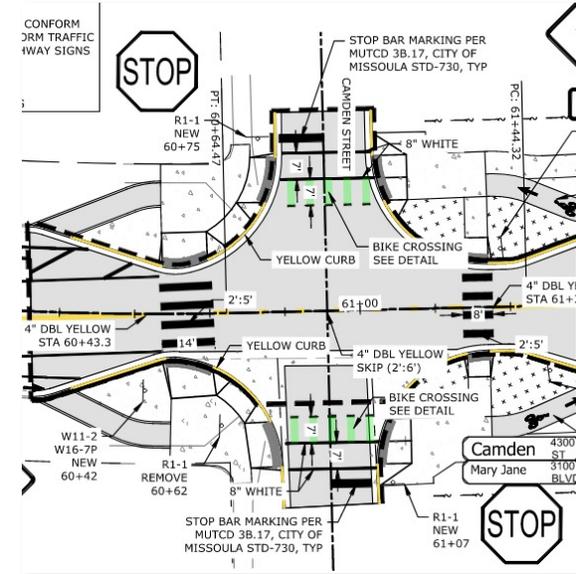
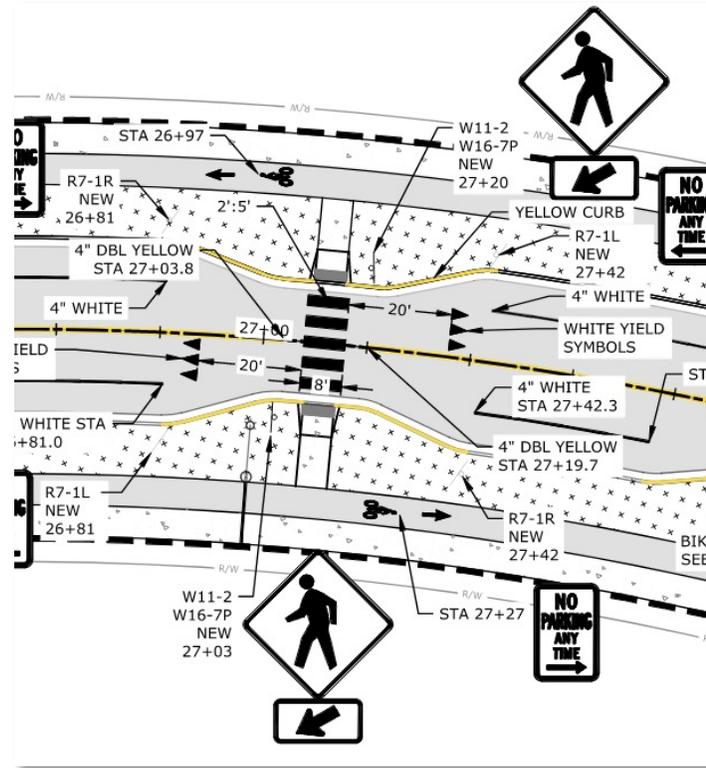
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# BIKE/PED CROSSING TREATMENTS

- Split Piano Key
- SUP Piano Key
- Parallel Bar
- Mid-Block Crossing





# QUESTIONS?



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