Portola Hills Traffic Workshop 3

December 12, 2012

One Team. Infinite Solutions

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Summary of Findings

1. Bulb-outs (chokers) at critical intersections
2. Change of character of SRR (4 to 2 lanes)
3. Portola Hills entry statement on SRR at NW entry
4. Landscaped medians where practical on SRR
5. Elementary School
6. Free-right on SRR at GRR
7. Re-survey speeds on SRR after 2 lanes and chokers are implemented
8. Traffic Volumes
9. T-intersection with full NW project access
10. Four-way signalized project access for NE and South with emergency access on GRR

Summary of Findings

1. Bulb-outs (chokers) at critical intersections

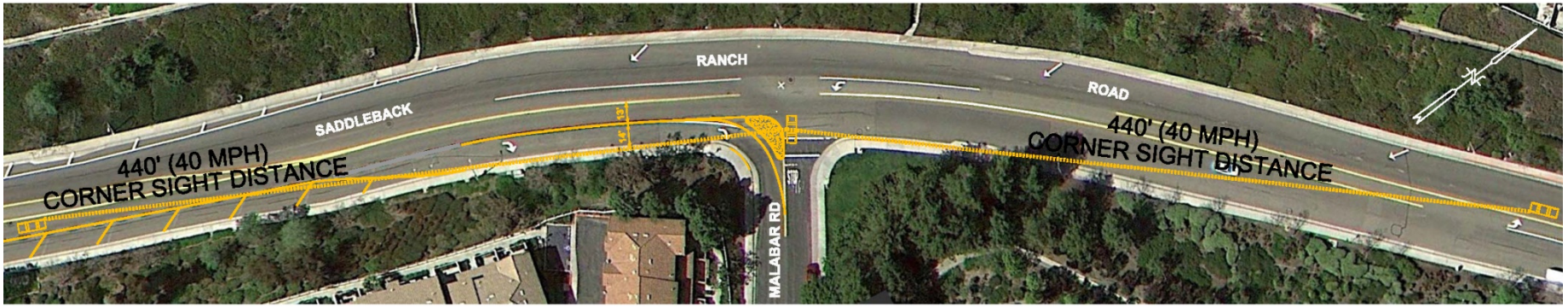
Bulb-out at Millwood Road

Millwood Configuration

Existing Configuration

With Road Diet

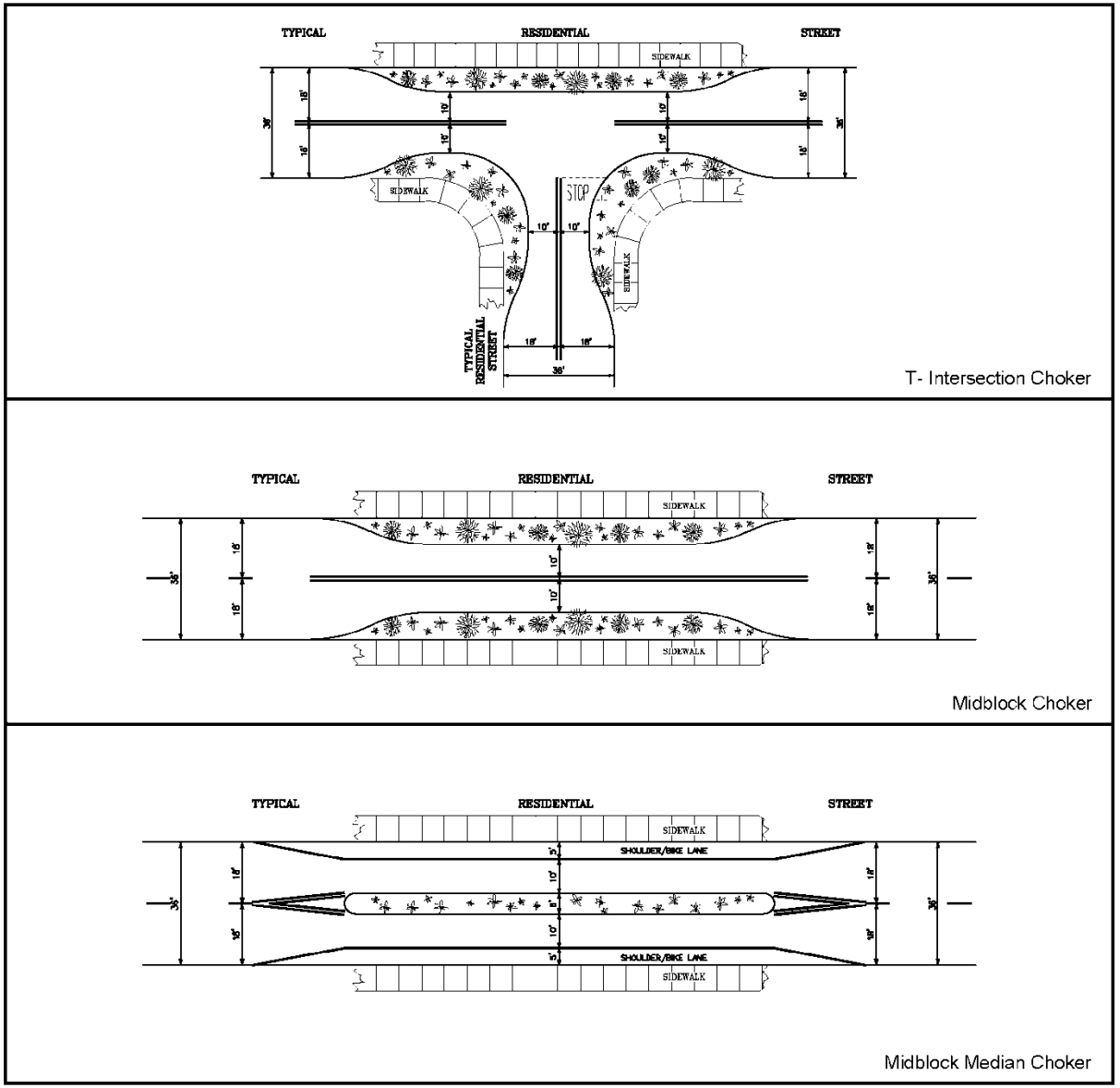
Pork Chop Island at Malabar Road



Summary of Findings

2. Change of character of SRR (4 to 2 lanes)

Typical Chokers and Medians



Intersection Choker

Intersection Choker

Summary of Findings

3. Portola Hills entry statement on SRR at NW entry

Existing View of SRR north of GRR

Summary of Findings

4. Landscaped medians where practical on SRR

Saddleback Ranch Road Improvements

1. T-intersection (NW Access) – Entry statement designed with medians
2. Four lanes with median
3. Four lanes with median
4. Bulb-out

   Pick up second southbound (downhill) lane south of Millwood
5. Pork chop island at Malabar Road with northbound (uphill) right-turn lane

   Two uphill lanes and one downhill lane with median just north of Millwood
6. Add uphill left-turn arrow at Fawn Ridge signal
7. Portola Hills Elementary new access and drop-off design and added downhill left-turn lane on SRR
8. Relocate fence and install new downhill left-turn lane
9. Bulb-out and new downhill left-turn lane
10. Raised median
11. Isolated medians and chokers along SRR (where appropriate)

Road Diet Concept Plan

Landscaped Median

Center Choker

Fawn Ridge Road

Existing Configuration

Proposed Configuration

Summary of Findings

5. Elementary School

Elementary School Program

1. Provide southbound left-turn lane into lot
   (long as possible but Shady Ridge limitation)
2. Provide exiting left-turn median merge lane
3. Relocate fence at Pendleton
4. Relocate on-site drop-off zone
5. Install left-turn arrow at Fawn Ridge

Portola Hills Elementary School Access and Circulation and Pendleton Road

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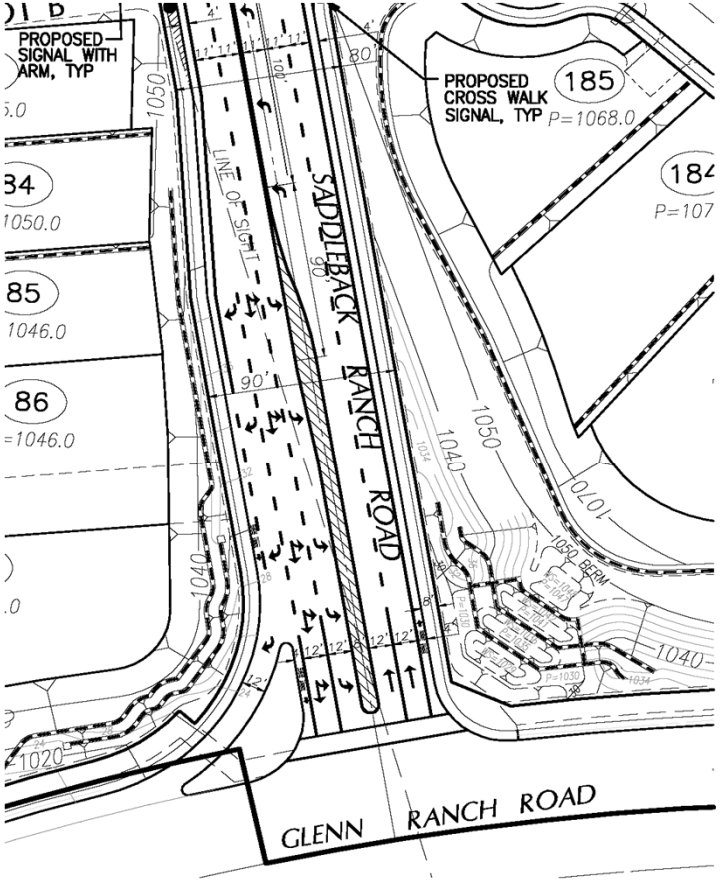
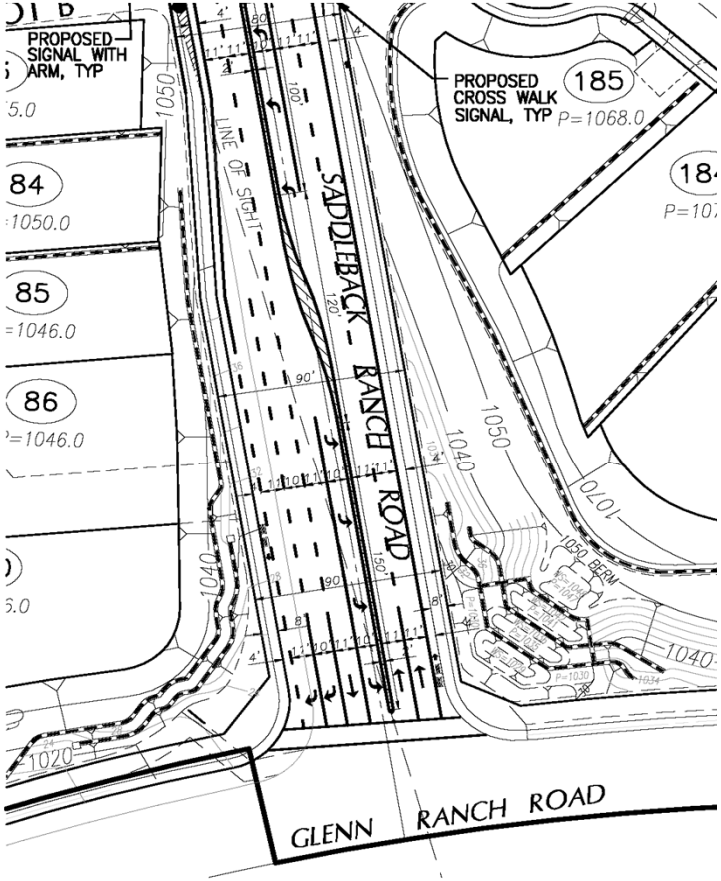
Summary of Findings

6. Free-right on SRR at GRR

Saddleback Ranch Rd and Glenn Ranch Rd Proposed Intersections and Striping Alternatives



SADDLEBACK RANCH ROAD AND GLENN RANCH ROAD PROPOSED INTERSECTION



SADDLEBACK RANCH ROAD AND GLENN RANCH ROAD ALTERNATIVE INTERSECTION

Summary of Findings

7. Re-survey speeds on SRR after 2 lanes and chokers are implemented

Summary of Findings

8. Traffic Volumes

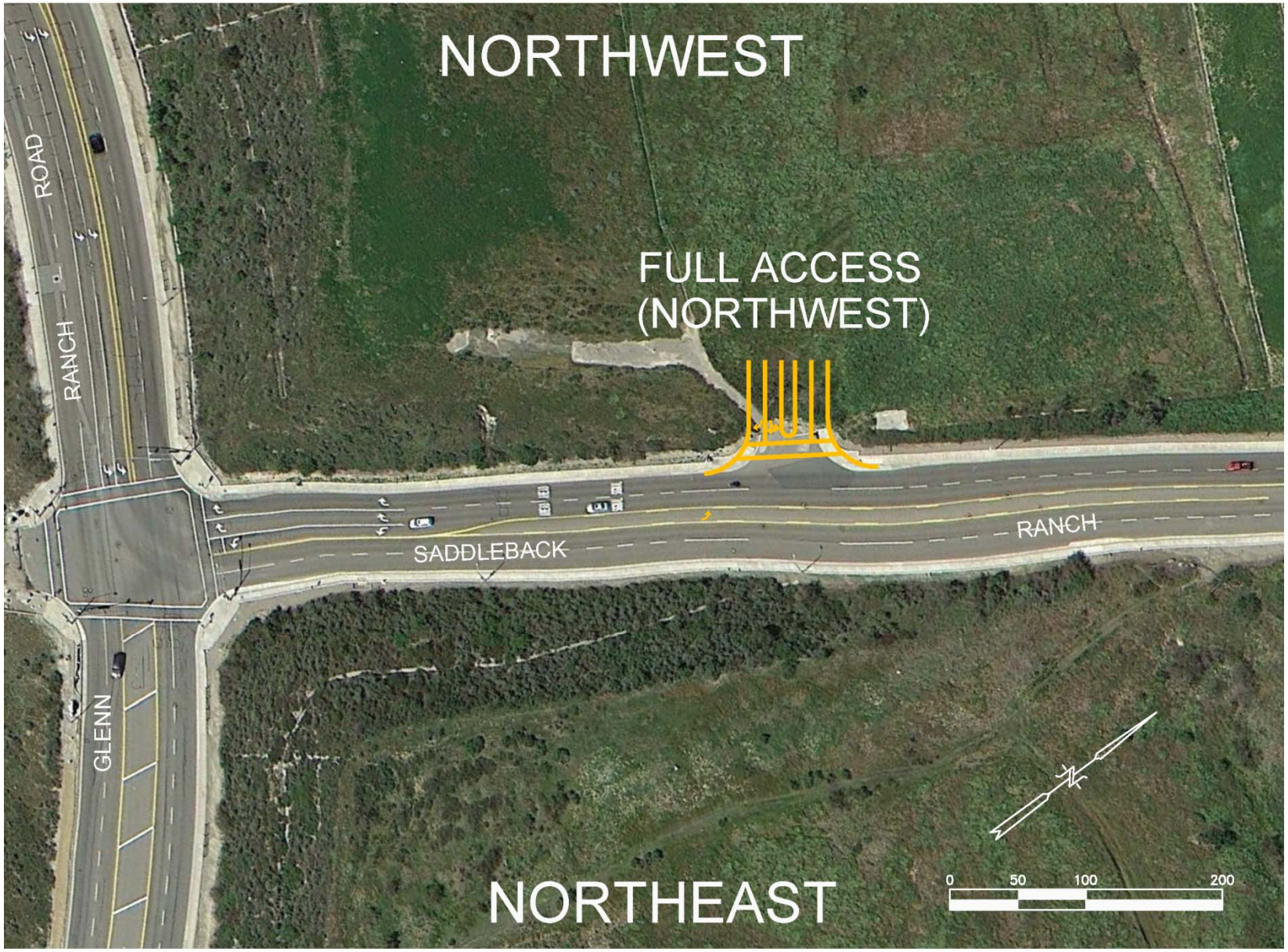
Traffic Volumes on SRR and GRR – Existing

Traffic Volumes on SRR and GRR – 2030 With-Project

Summary of Findings

9. T-intersection with full NW project access

T-intersection on SRR to serve the northwest



Summary of Findings

10. Four-way signalized project access for NE and South with emergency access on GRR

Four-way on Glenn Ranch Road to serve the northeast and south

Thank you for your participation!

Happy Holidays!

Joe Foust, P.E.
Principal, Transportation Planning & Traffic Engineering

Stantec Consulting Services Inc.
19 Technology Drive, Suite 200
Irvine, CA 92618-2334
Phone: (949) 923-6075
Fax: (949) 923-6121
Joe.Foust@Stantec.com

One Team. Infinite Solutions

Stantec