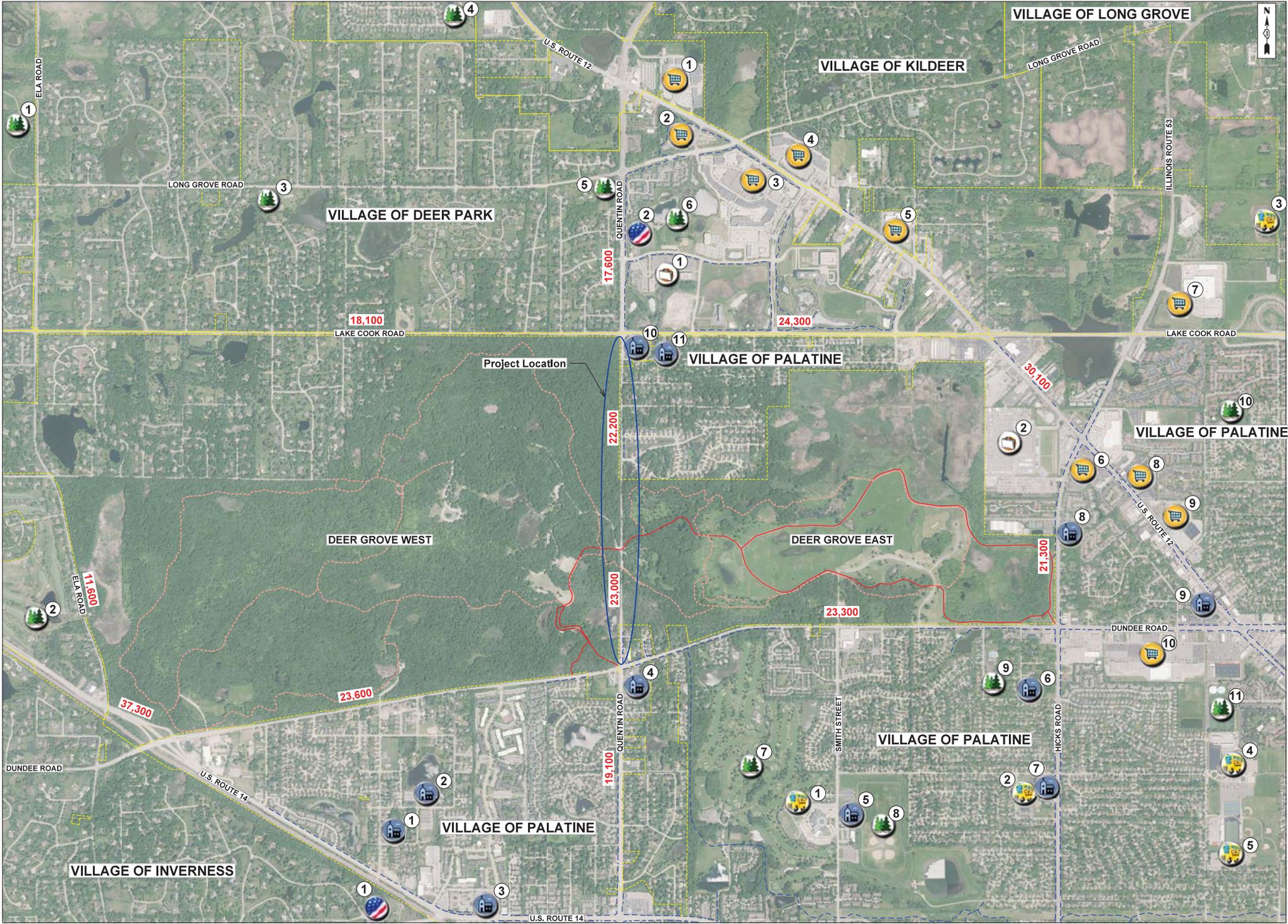


QUENTIN ROAD STUDY AREA MAP

0 500 1000
SCALE: 1" = 500'





Study Area Map Legend

Park Facilities



1. Cuba Marsh Forest Preserve
2. Makray Memorial Golf Club
3. Charles E. Brown Park
4. Countryside West Park
5. Michael D'Angelo Park
6. Town Center Park
7. Palatine Hills Golf Course
8. Tom T. Hamilton Park
9. Eagle Park
10. Osage Park
11. Celtic Park

Churches



1. Church Of Christ, Palatine
2. Sikh Religious Society Of Chicago
3. New Life Church
4. Holy Resurrection Orthodox Church
5. Countryside Church Unitarian Universalist
6. Northwest Assembly Of God
7. Prince Of Peace Lutheran Church
8. The Church In Palatine
9. New Light Christian Church
10. Seventh-Day Adventist Church
11. Christian Pentecostal Center

Shopping Centers



1. The Quentin Collection
2. Town Center Promenade
3. Deer Park Town Center Shopping Center
4. The Shops At Kildeer
5. Kildeer Marketplace
6. Joe Caputo & Sons
7. Menards
8. City Limits Harley Davidson
9. Knupper Nursery & Landscaping
10. Deer Grove Center

Municipal Facilities



1. Village Of Inverness Village Hall and Police Station
2. Palatine Fire Station #82

Employment Opportunities



1. Deer Park Office Center
2. Fed Ex

Schools



1. Walter R. Sundling Junior High School
2. Lincoln Elementary School
3. Long Grove Country School
4. Palatine High School
5. Virginia Lake Elementary School

Existing Trails

- Unpaved Trail – Forest Preserve
- Paved Trail – Forest Preserve
- - - Regional & Local Trail – Non Forest Preserve

Existing Average Daily Traffic (2015)



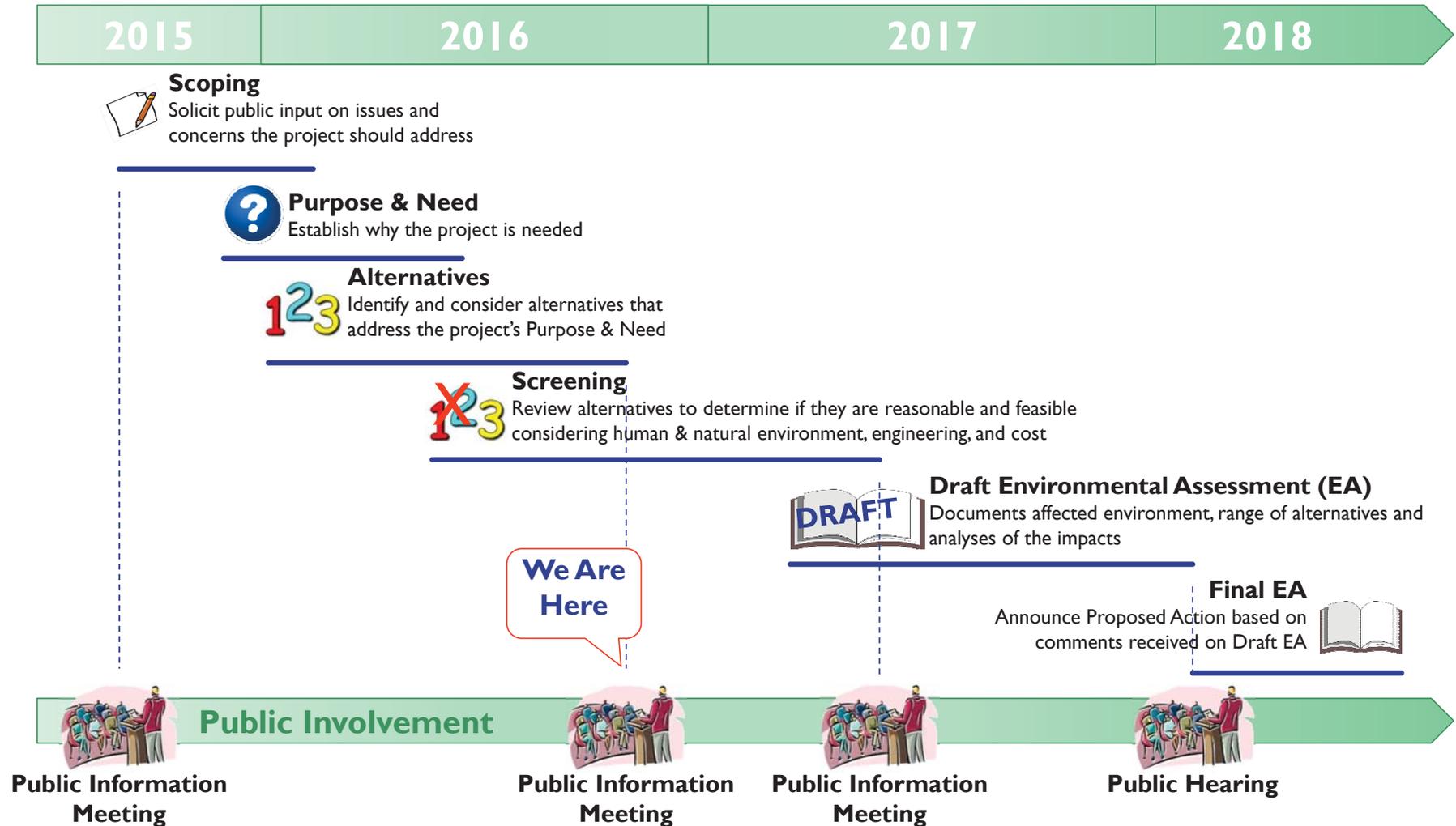
Village Boundaries



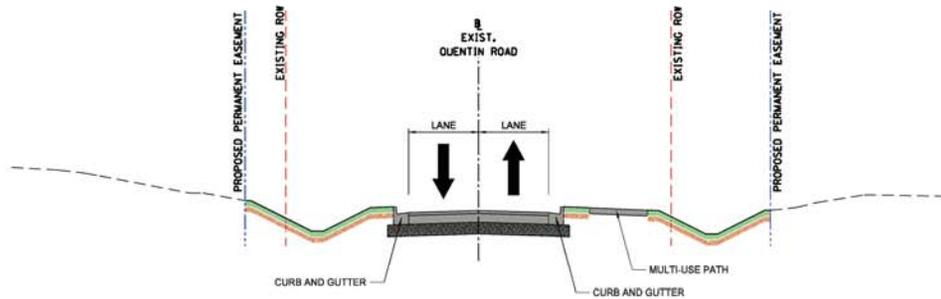


Study Timeline

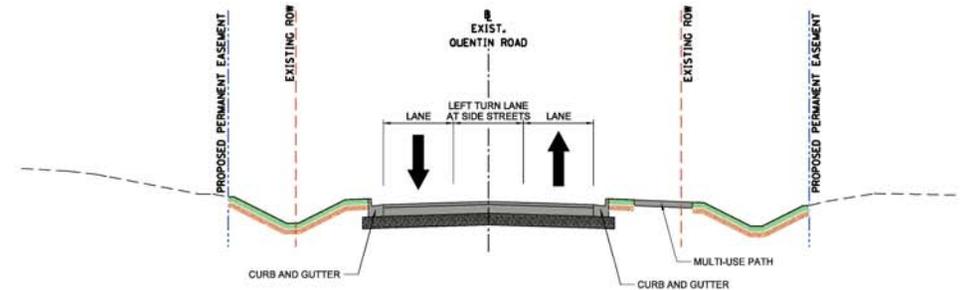
The Environmental Assessment Report (EA) is expected to be completed by 2018



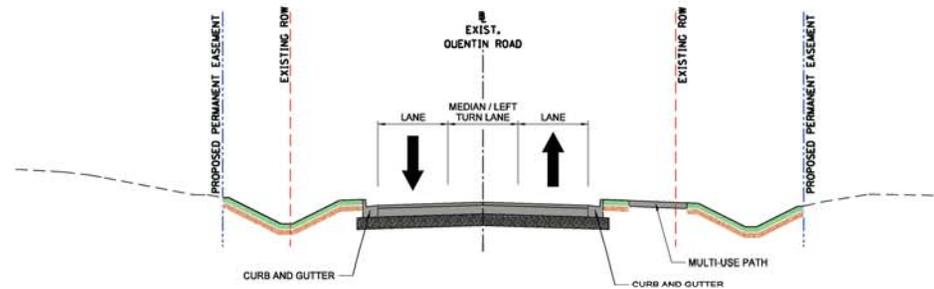
Typical Section Alternatives 1, 2 & 3



ALTERNATIVE 1
TWO LANES ON QUENTIN ROAD

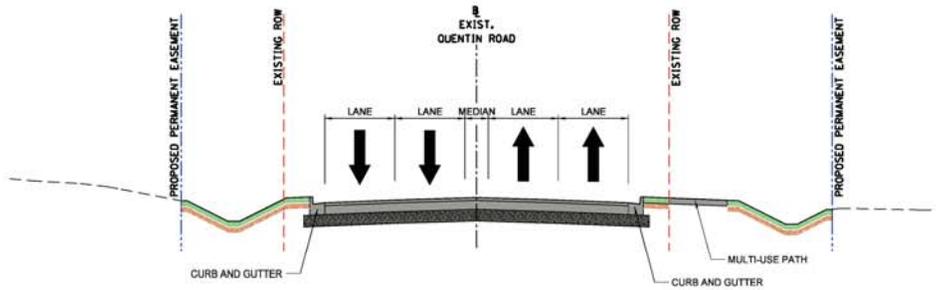


ALTERNATIVE 2
TWO LANES ON QUENTIN ROAD WITH LEFT TURN LANE

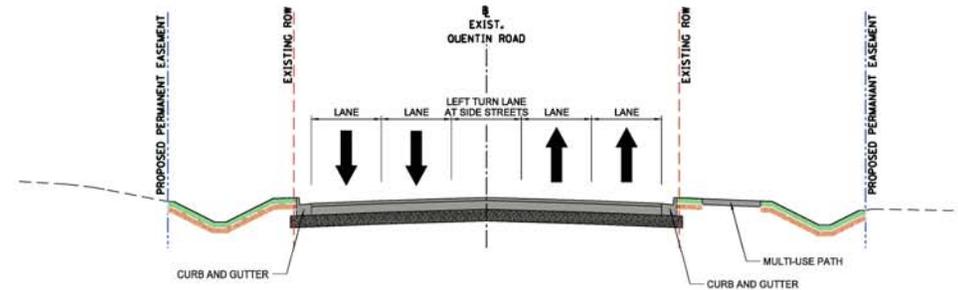


ALTERNATIVE 3
THREE LANES ON QUENTIN ROAD

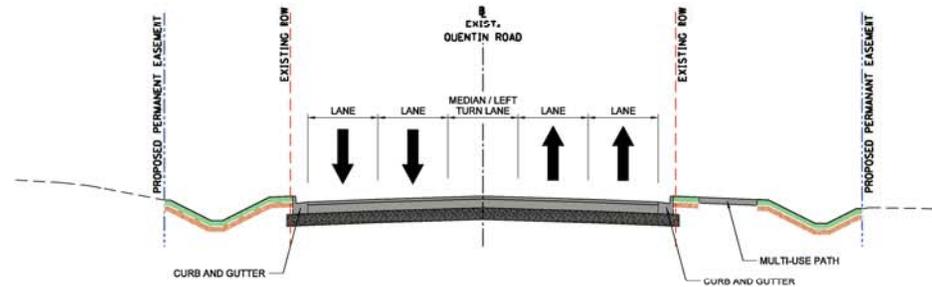
Typical Section Alternatives 4, 5 & 6



ALTERNATIVE 4
FOUR LANES ON QUENTIN ROAD

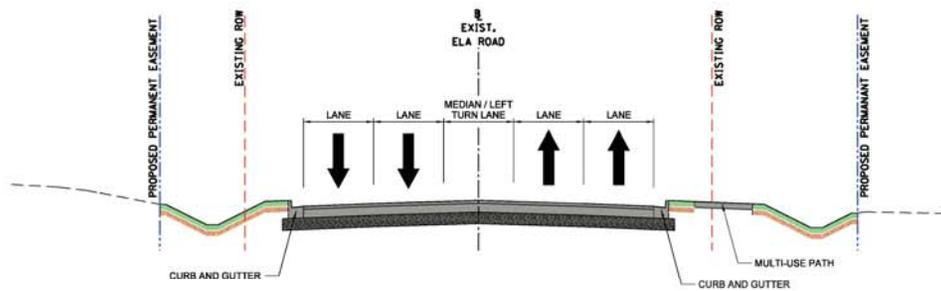


ALTERNATIVE 5
FOUR LANES ON QUENTIN ROAD WITH LEFT TURN LANE

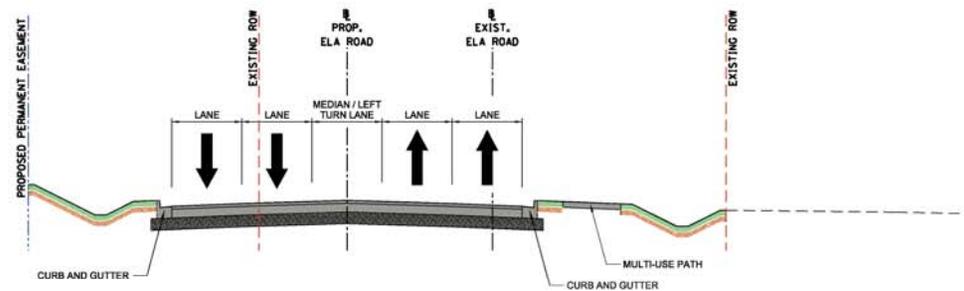


ALTERNATIVE 6
FIVE LANES ON QUENTIN ROAD

Typical Section Alternatives 7 & 7A

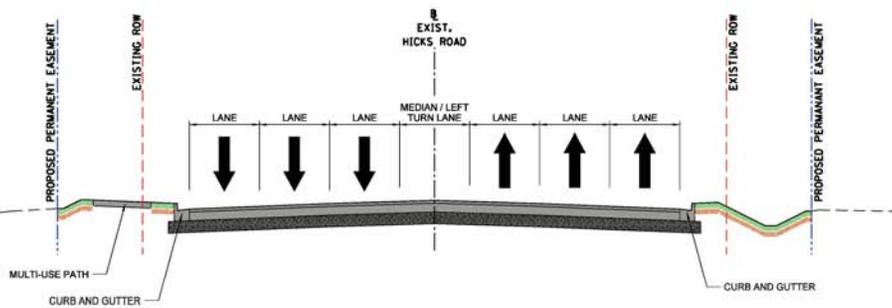


ALTERNATIVE 7
FIVE LANES ON ELA ROAD (CENTERED)

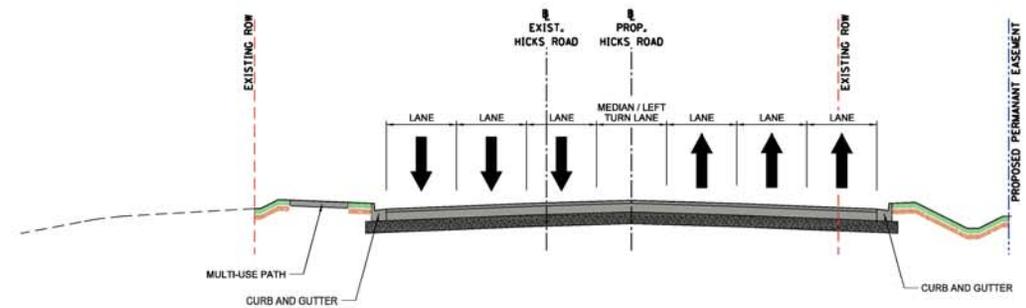


ALTERNATIVE 7A
FIVE LANES ON ELA ROAD (ASYMMETRIC)

Typical Section Alternatives 8 & 8A



ALTERNATIVE 8
SEVEN LANES ON HICKS ROAD (CENTERED)



ALTERNATIVE 8A
SEVEN LANES ON HICKS ROAD (ASYMMETRIC)

Project Purpose and Need



- ▶ Establishes a basis for the range of reasonable alternatives
- ▶ Purpose: To address existing and future (2040) transportation needs, while striving to balance these needs with the unique environmental setting along Quentin Road
- ▶ Transportation needs:
 - ▷ Improve facility condition and design
 - ▷ Improve safety
 - ▷ Improve mobility
 - ▷ Enhance system linkage

Improve Facility Condition and Design



- ▶ Bridge is over 100 years old with posted weight limit
- ▶ Roadway constructed over 80 years ago
 - ▷ Poor pavement
 - ▷ Steep roadway grades
 - ▷ Eroded or no shoulders
 - ▷ Poor drainage
 - ▷ No median/turn lane
- ▶ Intermittent to no pedestrian/ bicycle facilities



Improve Safety



- ▶ Vehicular
 - ▷ No turning lanes
 - ▷ No shoulders to pull over onto
 - ▷ Limited sight lines
 - ▷ Lane drop (2 lanes to 1 lane)
- ▶ Pedestrian/Bicyclists
 - ▷ Non-continuous facilities, short segments
 - ▷ Unsignalized pedestrian and equestrian crossings at Deer Grove Forest Preserve



Improve Mobility



- ▶ Existing and future (2040) volumes exceed capacity of a 2-lane roadway – congested peak periods
- ▶ Long lines of vehicles
- ▶ Long waits for left-turning vehicles onto and from Quentin Road during peak periods
- ▶ No shoulders to pass a stalled vehicle



Enhance System Linkage



- ▶ Important link to the regional and local transportation network
- ▶ Connects to surrounding arterial routes and communities
- ▶ Only section of Quentin Road not currently or planned to be improved
- ▶ Quentin Road provides a more direct travel route than nearby north-south roadways – less adverse travel
- ▶ Connection to existing multi-use trails in area and to Deer Grove trail system



How to address these needs?



NEEDS:

1

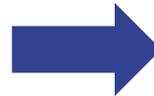
IMPROVE FACILITY
CONDITION & DESIGN



- ▶ Construct a new bridge
- ▶ Upgrade the pavement
- ▶ Provide sidewalks and bike paths

2

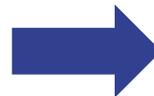
IMPROVE SAFETY



- ▶ Provide turn lanes
- ▶ Remove lane drops (2 lanes to 1 lane)
- ▶ Provide continuous sidewalks and bike paths
- ▶ Install signalized crossing at Deer Grove FP

3

IMPROVE MOBILITY



- ▶ Provide additional travel lanes
- ▶ Provide turn lanes
- ▶ Improve sight lines
- ▶ Provide shoulders or wider lanes

4

ENHANCE SYSTEM LINKAGE



- ▶ Match roadway lanes to the north and south
- ▶ Connect to area bike paths and systems