



TOWN OF KIAWAH ISLAND - TOWN COUNCIL MEETING
SEPTEMBER 4, 2018

TOWN OF KIAWAH ISLAND MUNICIPAL CENTER | 4475 BETSY KERRISON PARKWAY, KIAWAH ISLAND, SC 29455

LONG RANGE TRANSPORTATION PLAN

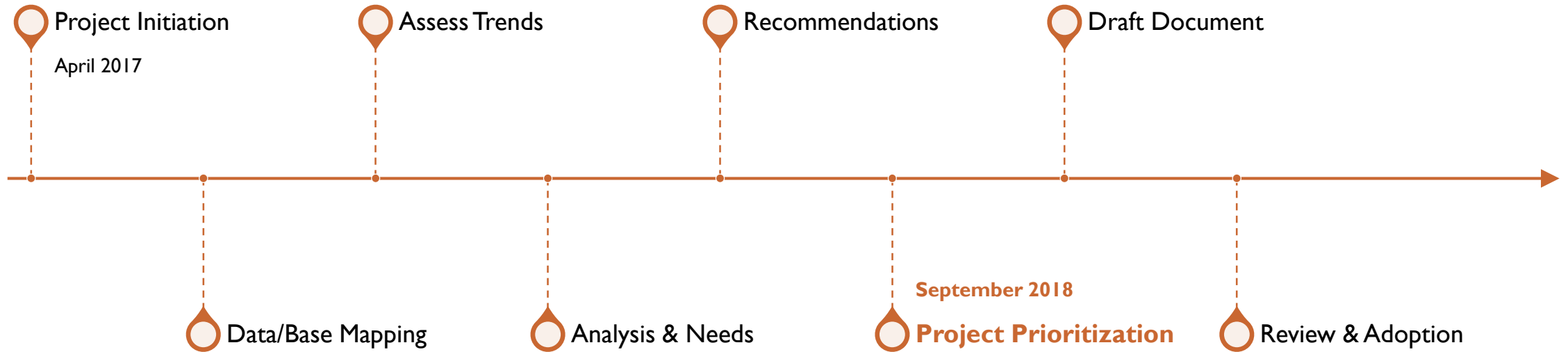
The Long Range Plan sets priorities for spending federal funds on transportation projects in our region.

The Plan covers all modes of transport including automobile, transit, bicycle, pedestrian, railroad, freight, and intermodal movements.



Charleston Area Transportation Study...
a regional transportation planning partnership,
serving the BCD tri-county area.





2040 LRTP PROJECT TIMELINE

PROJECT RANKING

- The study team is in the process of evaluating transportation projects to identify the top 20 projects for the region.
- Criteria was developed from input of the top regional traffic concerns.
- These include Midblock widening projects, Access management, intersections and corridor studies.

Weighted Evaluation Criteria

| | |
|----------------------------------|------|
| Congestion Relief | 20% |
| Supports Transit | 10% |
| Improves Freight Mobility | 10% |
| Improves Existing Infrastructure | 10% |
| Addresses Safety | 8% |
| Evacuation Route | 4% |
| Financial Viability | 10% |
| Environmental Impact Mitigation | 8% |
| Supports Bicycling | 3% |
| Supports Walking | 3% |
| Supports Local Land Use | 7% |
| Supports Economic Development | 7% |
| TOTAL | 100% |



TRENDS & TAKEAWAYS

- Top ranked regional projects showed high values for congestion relief, improving transit, improving existing infrastructure, freight mobility, and supporting economic development.
- Projects with direct traffic impact to Kiawah, Seabrook and Johns Island have been added to the committed projects list.
- LRTP is fiscally constrained where a project cannot be included unless a means is identified to fund it.

COMMITTED ROADWAY PROJECT LIST

REPRESENT ARTERIAL MID-BLOCK
IMPROVEMENT PROJECTS
(APPROVED THROUGH DECEMBER 2017)

- 14| Maybank Hwy | 3-Lane Undivided
- 15| Maybank Hwy and River Road | Pitchfork
- 13| Main Road (Phase I) | 4-Lane Divided & Interchange
- 38| Main Road (Phase II) | 4-Lane Divided
- 27| Bohicket Road (Phase III) | 4-Lane Divided
- 37| I-526 & Paul Cantrell | Redesign (TBD)
- 04| Glenn McConnell | 6-Lanes Divided

04
Glenn McConnell
6-LANE DIVIDED

13
Main (Ph-I)
4-LANE DIVIDED
& INTERCHANGE

I-26 & Spruill
REMOVAL

I-526 & Paul Cantrell
REDESIGN (TBD)

38
Main (Ph-II)
4-LANE DIVIDED
Maybank & River
PITCHFORK

14
Maybank
3-LANE UNDIVIDED

27
Bohicket (Ph-III)
4-LANE DIVIDED

**VISIONARY ROADWAY PROJECTS
IN CHATS REGION
REPRESENT ARTERIAL MID-BLOCK
IMPROVEMENT PROJECTS
THROUGH HORIZON YEAR 2040**

MIDBLOCKS

25| MAYBANK HIGHWAY
(BOHICKET ROAD TO RIVER ROAD)
4-LANE UNDIVIDED
31/63

**35| SEA ISLAND
PARKWAY/GREENWAY**
(RIVER ROAD TO BETSY KERRISON)
4-LANE UNDIVIDED
60/63

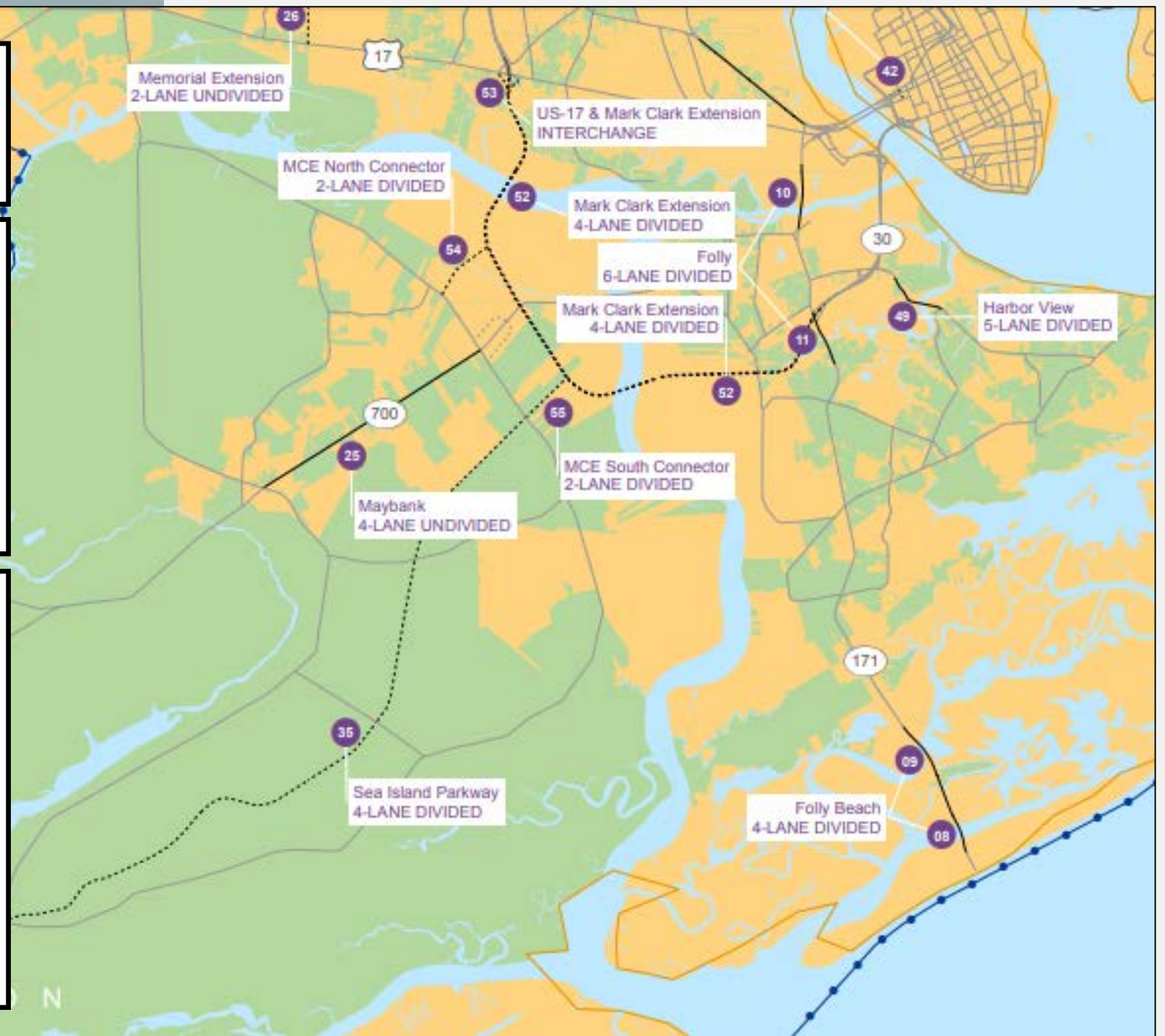
INTERSECTION IMPROVEMENTS

**10| MAYBANK HIGHWAY
& RIVER ROAD**
26/43

**02| MAYBANK HIGHWAY
& MAIN ROAD**
35/43

**07| BETSY KERRISON PARKWAY,
BOHICKET ROAD & RIVER ROAD**
37/43

**27| MAYBANK HIGHWAY &
RIVERLAND DRIVE**
38/43



NEXT STEPS



The evaluation matrix will be used by the consultants to develop the financial plan section of the LRTP.



BCDCOG staff is working to finalize its comments on other sections of the draft plan.



The Study Team will be scheduled for a meeting in early September to review the draft plan, including the financial plan.

