

1.1 East Lee County								
PROJECT	NAME	COST Low Medium High	COST BENEFIT Medium High	EXISTING DRAINAGE LEVEL OF SERVICE (LOS) Average Good	MULTIPLE BENEFITS Yes	LAND COST None Low Medium	PERMITTABILITY None Low Medium	CONSTRAINTS
1.1.1	Dog to Hendry Drainageway (CREST)	●	●		●	●	●	• Any environmental impacts would require mitigation - site has an existing depressional area that may be classified as a wetland by SFWMD to be preserved by plan • Requires coordination with LA-MSID
1.1.2	Bedman Creek Overflow Bypass	●	●	●	●			• Requires government approval & land acquisition and/or drainage easements for public & private parcels - ROW narrows at the N end • Requires weir structures & a large drainage structure at SR 80 • Canoes/kayaks passage and continuation of Bedman Creek baseflow through the structure under consideration • Any environmental impacts would require mitigation
1.1.3	GS-10 Stormwater Quality Reservoir	●	●		●	●	●	• Requires coordination with LA-MSID • Requires government approval & land acquisition and/or drainage easements for public & private parcels • Requires weir structures & drainage structures
1.1.4	Buckingham Bypass Drainageway			●				• Requires extensive land acquisition • Requires weir structures & a large drainage structure • Requires coordination with Lee County 2020, FGCU, & LA-MSID • Buckingham Trails Preserve contains historically sensitive areas which are proposed to remain undisturbed • Any environmental impacts would require mitigation • A "snag removal" program could be implemented within the natural rivers & streams • May coordinate with a road project such as Luckett Road Extension • Proposed berms for the project may double as equestrian trails
1.1.5	Buckingham Trails Water Quality Res.	●			●	●	●	• Should be implemented with proposed Concept Plan project 1.2 Buckingham Bypass Drainageway in order to achieve the most benefits • Limited land acquisition required to make the connection from Alaska Canal to the proposed concept project • Requires coordination with Lee County Lands • Requires weir structures & a large drainage structure at Buckingham Road • Any environmental impacts would require mitigation • The berms along the lower boundaries of the reservoir is very important to avoid overtopping that would allow excess flows to Buckingham and Orange Rivers • Proposed berms for the project may double as equestrian trails
1.1.6	Lehigh River Hall to Olga Outfall	●						• Requires coordination with River Hall since drainageway will flow through a private (River Hall) lake system and cross several roadways • Improvements to the River Hall berm system may be necessary to prevent system breach since the community has a history of frequent perimeter berm breaches • Requires easements and/or land acquisition for the parcels between Lehigh Acres & the Lee County 2020 Olga parcel • Requires coordination with Lee County 2020 Conservation Lands • Requires weir structures & large drainage structures
1.1.7	Hickey Creek Overflow Bypass	●	●	●		●		• Requires government approval & land acquisition north of SR 80 near existing homes • Requires coordination with FDOT & SFWMD • Requires weir structures & a large drainage structures at SR 80
1.1.8	Strayhorn Drainageway	●	●					• Requires drainage structures & weir structures at road crossings • Six Mile Cypress Slough must be protected from overdrainage • Requires consideration of tidal influences & freshwater/salt water interface flows • Requires protection measures for West Indian manatee • Any environmental impacts would require mitigation • Requires government approval & land acquisition and/or drainage easements for public & private parcels • Requires coordination w/ Lee County Lands
1.1.9	Charlie Diversion- Hickey Canal Imp.	●	●	●		●		• Requires government approval & land acquisition and/or drainage easements for public & private parcels • Requires seawalls • Requires the corresponding downstream concept plan projects to be constructed first • Requires weir structures & a large drainage structure • Any environmental impacts would require mitigation
1.1.10	Hickey Creek Swamp Drainageway	●	●			●		• Requires work within a portion of the Hickey Creek Swamp • Requires government approval & land acquisition and/or drainage easements for public & private parcels - easement may be difficult to obtain because land owner is out of country • Requires weir structures and a large drainage structure • Any environmental impacts would require mitigation
1.1.11	Six Mile Cypress Preserve N. Catch. Res.	●	●		●	●		• Requires coordination with Lee County Conservation 20/20 & consideration of 20/20 goals • Requires Concept Plan Project 1.1.8 to be constructed first

1.2 Whiskey Creek								
PROJECT	NAME	COST Low Medium High	COST BENEFIT Medium High	EXISTING DRAINAGE LEVEL OF SERVICE (LOS) Average Good	MULTIPLE BENEFITS Yes	LAND COST None Low Medium	PERMITTABILITY None Low Medium	COMMENTS
1.2.1	L-Canal Improvements	●	●		●	●	●	• Limitations within existing ROW & transferring water from Ten Mile Canal to the Caloosahatchee, which may affect WQ • Requires investigation of subsurface conditions that may hinder overall deepening & widening of the canal • Requires coordination with and potential land acquisition from Hideaway Country Club for construction of offsite storage area
1.2.2	Brantley-Dover Canal Improvements	●	●	●	●	●	●	• Requires local modeling to more accurately simulate the local hydrology, refine culvert sizing & evaluate the need for channel modification • Limitations within the existing ROW & with localized conveyance issues in The Villas • Requires the replacement of major road crossings to achieve conveyance • Requires sequencing planning to minimize impact to property owners within residential areas during construction • Need to consider BMPs & assess the impact on WQ to the Caloosahatchee
1.2.3	FSW State Canal Improvements	●	●	●	●	●	●	• Limitations in weir modifications & maintaining aesthetics of college lakes • Requires the replacement of major crossings to achieve conveyance • Need to consider BMPs & assess the impact on WQ to the Caloosahatchee • Requires coordination with & drainage easements from FSW

1.3 South East Lee County								
PROJECT	NAME	COST Low Medium High	COST BENEFIT Medium High	EXISTING DRAINAGE LEVEL OF SERVICE (LOS) Average Good	MULTIPLE BENEFITS Yes	LAND COST None Low Medium	PERMITTABILITY None Low Medium	CONSTRAINTS
1.3.1	Halfway Creek Drainageway		●	●				• Project as planned crosses public, community and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Significant environmental impacts would necessitate mitigation.
1.3.2	Estero River N. Branch Improvements	●	●	●				• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. •Weir structures to manage water levels and large drainage structures at road crossings would be required. • Working in the natural areas of the Estero River will require special attention to preserve the character of the stream. • Environmental impacts would necessitate mitigation.
1.3.3	FGCU Flow-way Improvements	●	●	●				• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structures at road crossings would be required. • Water quality corrections for dissolved oxygen levels may be necessary for the discharge of water from deep lakes. • Significant environmental impacts would necessitate mitigation.
1.3.4	Alico Mine Lake Interconnects (West)	●	●				●	• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Water quality corrections for dissolved oxygen levels may be necessary for the discharge of water from deep lakes • Environmental impacts, if any, would necessitate mitigation.
1.3.5	Alico Mine Lake Interconnects (East)		●				●	• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Environmental impacts, if any, would necessitate mitigation.
1.3.6	Alico Road Extensin Drainageway	●			●		●	• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Coordination with the road extension would be required to utilize fill spoil material. • Weir structures to manage water levels and large drainage structure would be required. • Environmental impacts would necessitate mitigation.
1.3.7	Blackstone Dr to Alico Mine Lakes	●						• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Environmental impacts, if any, would necessitate mitigation.
1.3.8	Alico Mine Lake to Halfway Creek		●					• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Environmental impacts, if any, would necessitate mitigation.
1.3.9	I-75 to Spring Creek Drainageway N.	●	●	●				• Project as planned crosses public, community and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Utilization of the golf course has the potential of special soil handling. • Environmental impacts, if any, would necessitate mitigation.
1.3.10	I-75 to Spring Creek Drainageway S.	●	●	●				• Project as planned crosses public, community and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structures would be required. • Environmental impacts, if any, would necessitate mitigation.
1.3.11	East I-75 Overland Flow Collection	●	●	●		●		• Project as planned crosses public properties and conservation lands requiring governmental approval. • Weir structures to manage water levels and large drainage structure would be required. • Environmental impacts would necessitate mitigation.
1.3.12	Imperial River Improvements East	●	●	●				• Project as planned crosses public and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structures at road crossings would be required. • Working in the natural areas of the headwaters of Imperial River will require special attention to preserve the character of the stream. • Significant environmental impacts would necessitate mitigation.
1.3.13	Crew Flint Pen Hydrologic Restoration	●	●	●	●			• Project as planned crosses public, community and private properties requiring governmental approvals and land acquisition. • Weir structures to manage water levels and large drainage structure would be required. • Significant environmental impacts would necessitate mitigation.
1.3.14	Imperial River Improvements West	●	●	●	●			• Project as planned requires access across public and private properties requiring governmental approvals and land acquisition. • Working in the natural areas of the Imperial River will require special attention to preserve the natural character. • Significant environmental impacts would necessitate mitigation.
1.3.15	Railroad Drainageway Improvements	●	●			●		• Project as planned crosses private properties requiring approvals and land acquisition. • Weir structures to manage water levels and large drainage structures at road crossings would be required. • Working near natural areas will require special attention and environmental impacts would necessitate mitigation.
1.3.16	Corkscrew East Drainageway	●	●			●	●	• Project as planned involves private properties and requires planning provisions during project reviews.

1.4 South Fort Myers								
PROJECT	NAME	COST Low Medium High	COST BENEFIT Medium High	DRAINAGE LEVEL OF SERVICE Average Good	MULTIPLE BENEFITS Yes	LAND COST None Low Medium	PERMITTABILITY None Low Medium	COMMENTS
1.4.1	Ten Mile Canal-North	●	●	●	●	●	●	• Requires coordination with the City of Fort Myers • May require downstream improvements in conjunction with this project • Requires government approval & land acquisition and/or drainage easements for public & private parcels • Requires construction of Concept Plan Project 1.4.2 first, or in conjunction with it, along with downstream conveyance improvements
1.4.2	Ten Mile Canal-South		●	●	●			• The conveyance capacity of the downstream IDD canals will need to be increased to accept the diverted flow • Requires government approval & land acquisition and/or drainage easements for public & private parcels • Any environmental impacts would require mitigation • Additional local modeling will be needed to refine flows, stages & designs of the downstream conveyance modifications, gate sizes & elevations, and pump setpoints
1.4.3	Daniels Parkway-South Area	●	●		●			• Requires close coordination with surrounding communities & LCPA staff for permit modifications • Relies on the completion of other improvement projects to achieve maximum results in reduced peak flows to Ten Mile Canal • Any environmental impacts would require mitigation
1.4.4	Briarcliff Area	●	●	●		●	●	• This project is in a residential area with limited existing structures for storage & Water Quality (WQ) treatment • Any additional peak flows from this sub-watershed may raise concerns for downstream communities • Community involvement, participation & education will be an important part of project success • May requires drainage easements for existing drainage infrastructure within private parcels • Additional local modeling is recommended - regional model doesn't accurately reflect the potential for improvements due to the small scale of the project in relation to the size of the regional model
1.4.5	Park Road Area	●	●	●		●	●	• Requires the acquisition of drainage easements to connect the drainage to Park Road Canal • Requires coordination with FDOT to work within US 41 ROW
1.4.6	LCPA Diversion to Estero Basin	●	●		●	●		• Existing & proposed mining operations immediately to the south may potentially impact conveyance capacity & storage volume • Requires additional local modeling - delivery of more water to this region will need to be balanced since developments along the North Branch of the Estero R already experience flooding • Requires coordination with LCPA due to concerns of the potential to attract wildlife, which is an air traffic hazard • Any environmental impacts would require mitigation • Requires collaboration amongst different departments within the County
1.4.7	Six Mile Cypress Slough-South	●	●		●	●	●	• Success relies, in part, on the completion of other downstream improvement projects along Ten Mile Canal • Requires the analysis of levels of service (LOS) to ensure safety of traveling public • Any environmental impacts would require mitigation - most of the proposed work is within or adjacent to preserve & conservation lands • Limitations of work within existing conservation areas unless modified

Grant Funded Projects under Contract for Design and/or Construction (Whole or Portions thereof)
  Creeks & Rivers in the SFWMD list to be Scheduled for Maintenance
  Projects currently pursuing Grant Opportunities