thoreau path

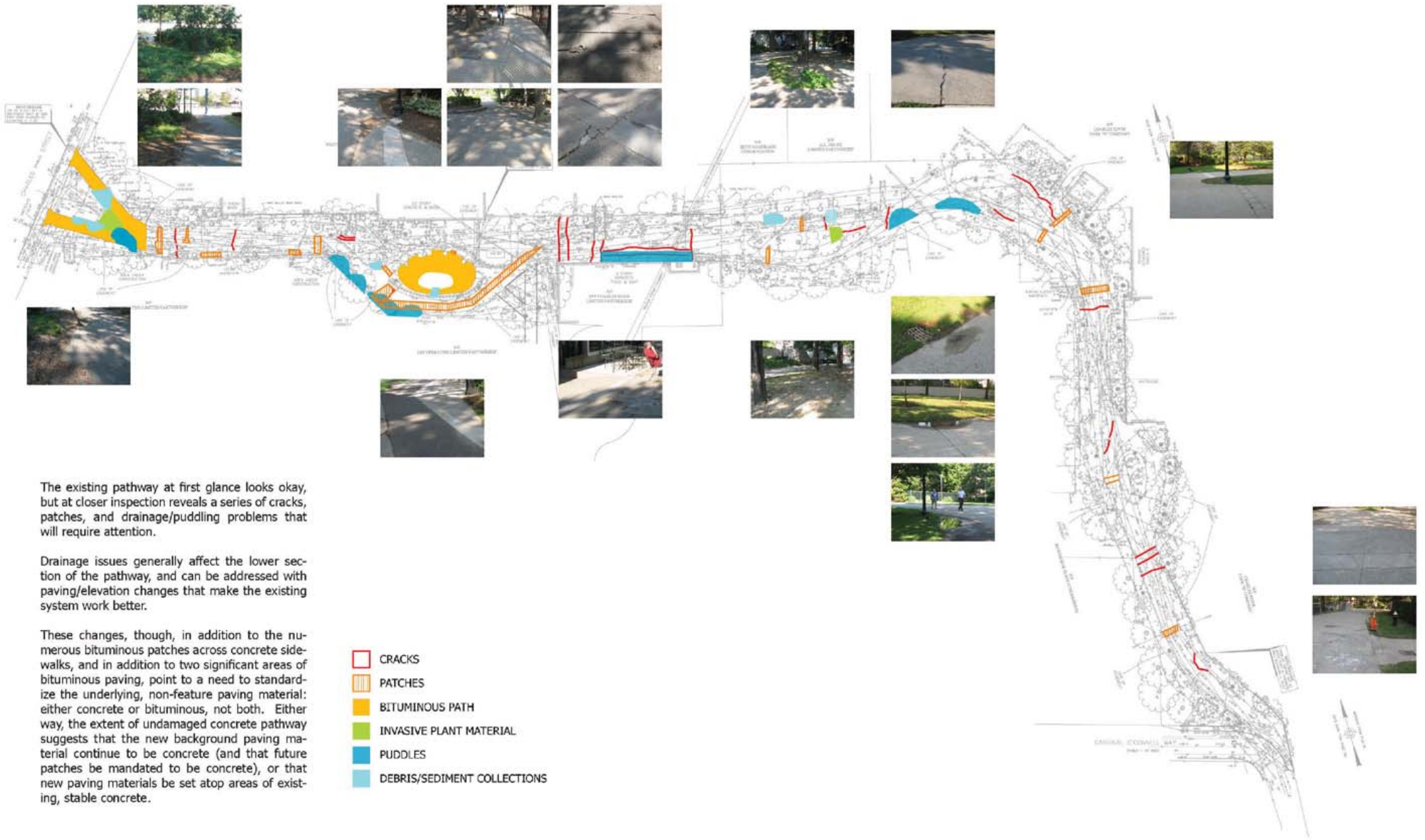
from public input / feedback:

- **Thoreau Path is a PATH not a park**

- **Thoreau Path is a NEIGHBORHOOD WALKWAY not an urban destination**

- **Provide a safe, consistent, durable surface along the entire path (that meets all codes);**
- **Provide low-maintenance, low-to-the-ground plantings (remove shrubs that block sight-lines);**
- **Provide regulatory + directional signage, emergency phones + a few benches for people to rest along the path;**

EXISTING CONDITIONS: PRELIMINARY STUDY: AUGUST 2009

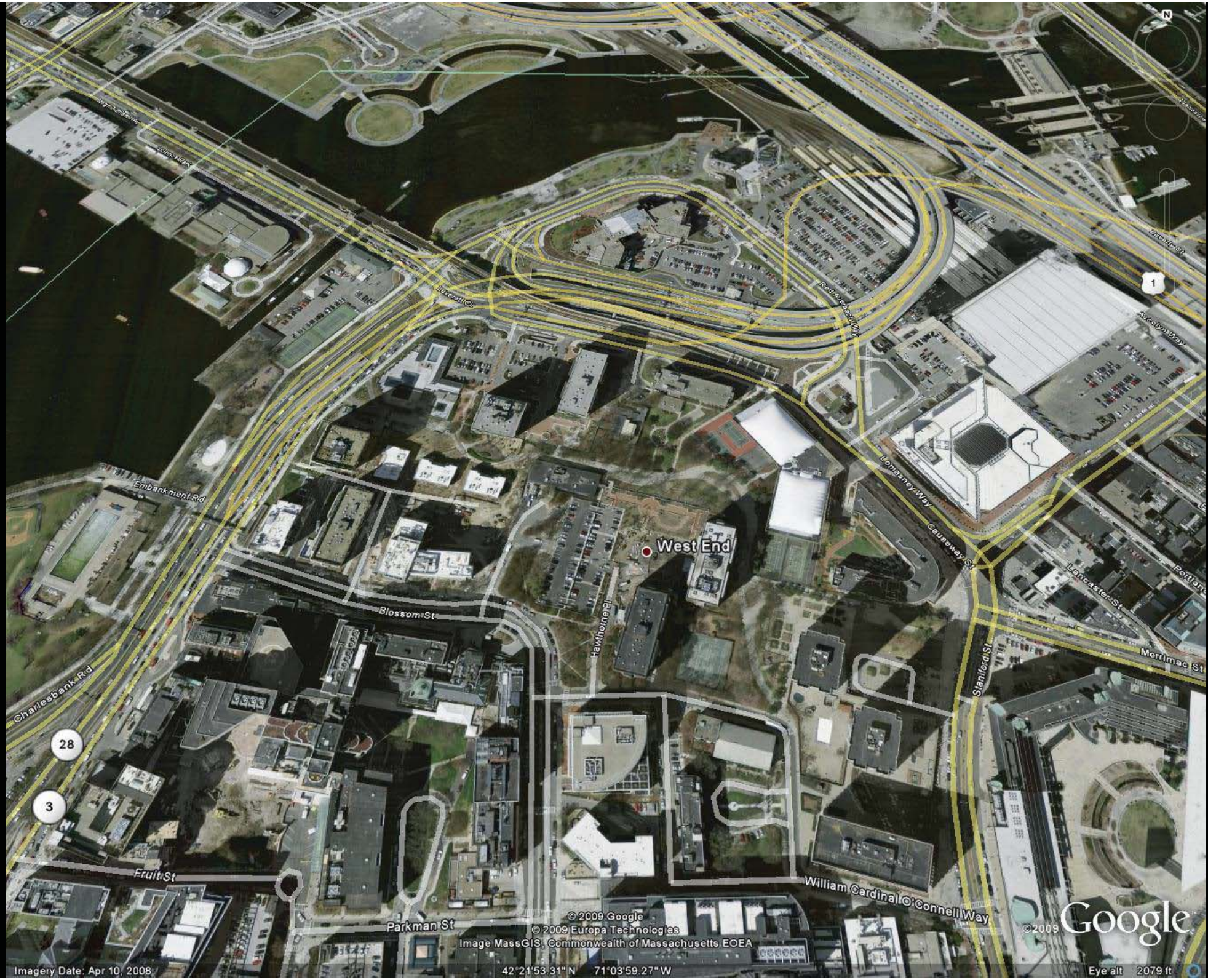


The existing pathway at first glance looks okay, but at closer inspection reveals a series of cracks, patches, and drainage/puddling problems that will require attention.

Drainage issues generally affect the lower section of the pathway, and can be addressed with paving/elevation changes that make the existing system work better.

These changes, though, in addition to the numerous bituminous patches across concrete sidewalks, and in addition to two significant areas of bituminous paving, point to a need to standardize the underlying, non-feature paving material: either concrete or bituminous, not both. Either way, the extent of undamaged concrete pathway suggests that the new background paving material continue to be concrete (and that future patches be mandated to be concrete), or that new paving materials be set atop areas of existing, stable concrete.

- CRACKS
- PATCHES
- BITUMINOUS PATH
- INVASIVE PLANT MATERIAL
- PUDDLES
- DEBRIS/SEDIMENT COLLECTIONS



West End
Embankment Rd
Blossom St
Hawthorne Pl
Charlesbank Rd
Fruit St
Parkman St
William Cardinal O'Connell Way
Lomasney Way
Causeway St
Stanford St
Lancaster St
Merrimac St
Asselyn Way
Leverett Cir
Red Auchan Way
Fraville St
28
3
1
N
© 2009 Google
© 2009 Europa Technologies
Image MassGIS, Commonwealth of Massachusetts EOEA
©2009 Google
Imagery Date: Apr 10, 2008
42°21'53.31" N 71°03'59.27" W
Eye alt 2079 ft

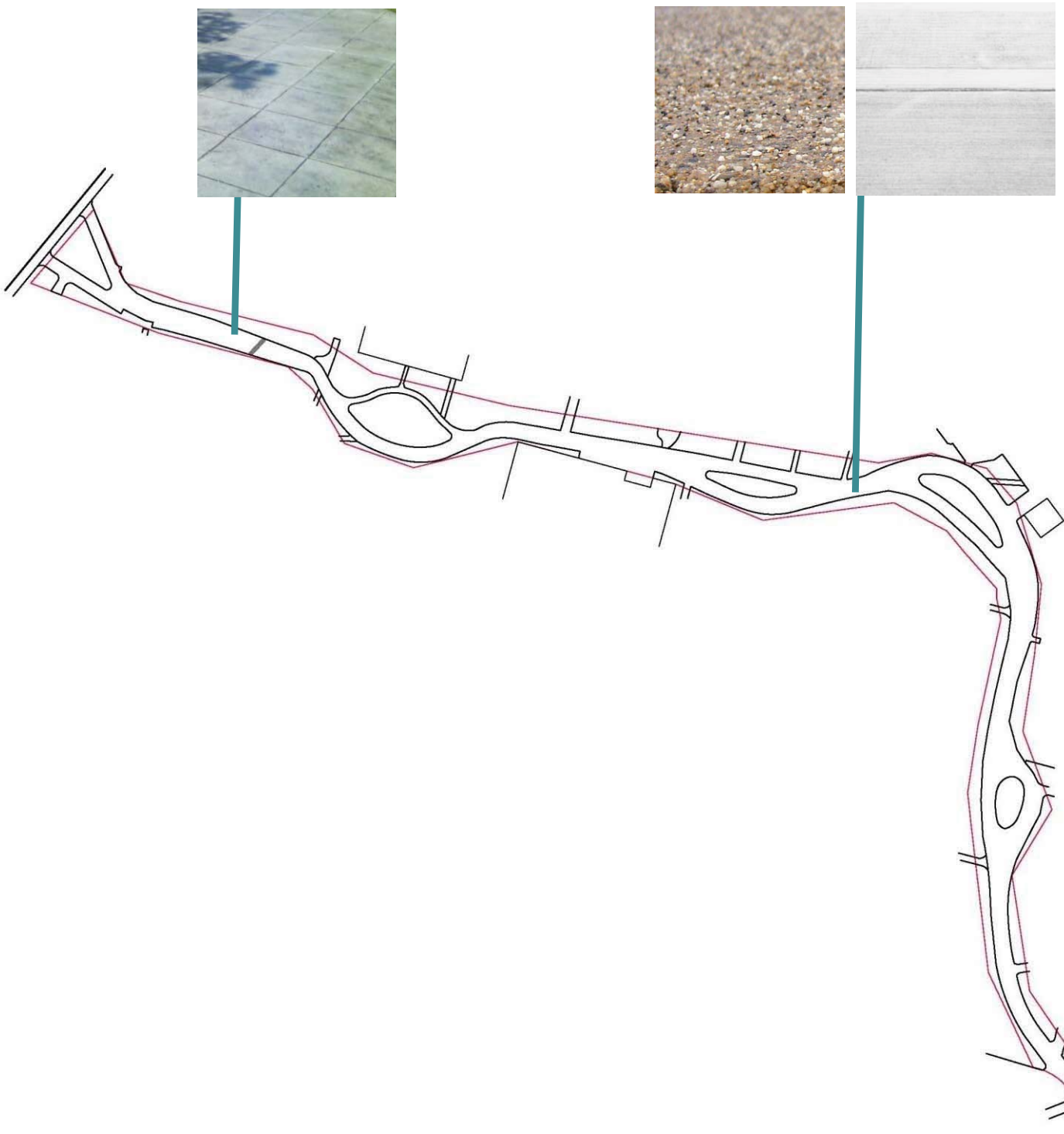
0 100 500 1000

LEGEND
ABBREVIATIONS
NOTES:
CHARLES STREET
THOREAU PATH
CARDINAL O'CONNELL WAY
WHITTIER PLACE CONDOMINIUM
ERP OPERATING LIMITED PARTNERSHIP
DIV CHARLES RIVER LIMITED PARTNERSHIP
HAWTHORNE PLACE CONDOMINIUM
CHARLES RIVER PARK "D" COMPANY
LINE OF EASEMENT

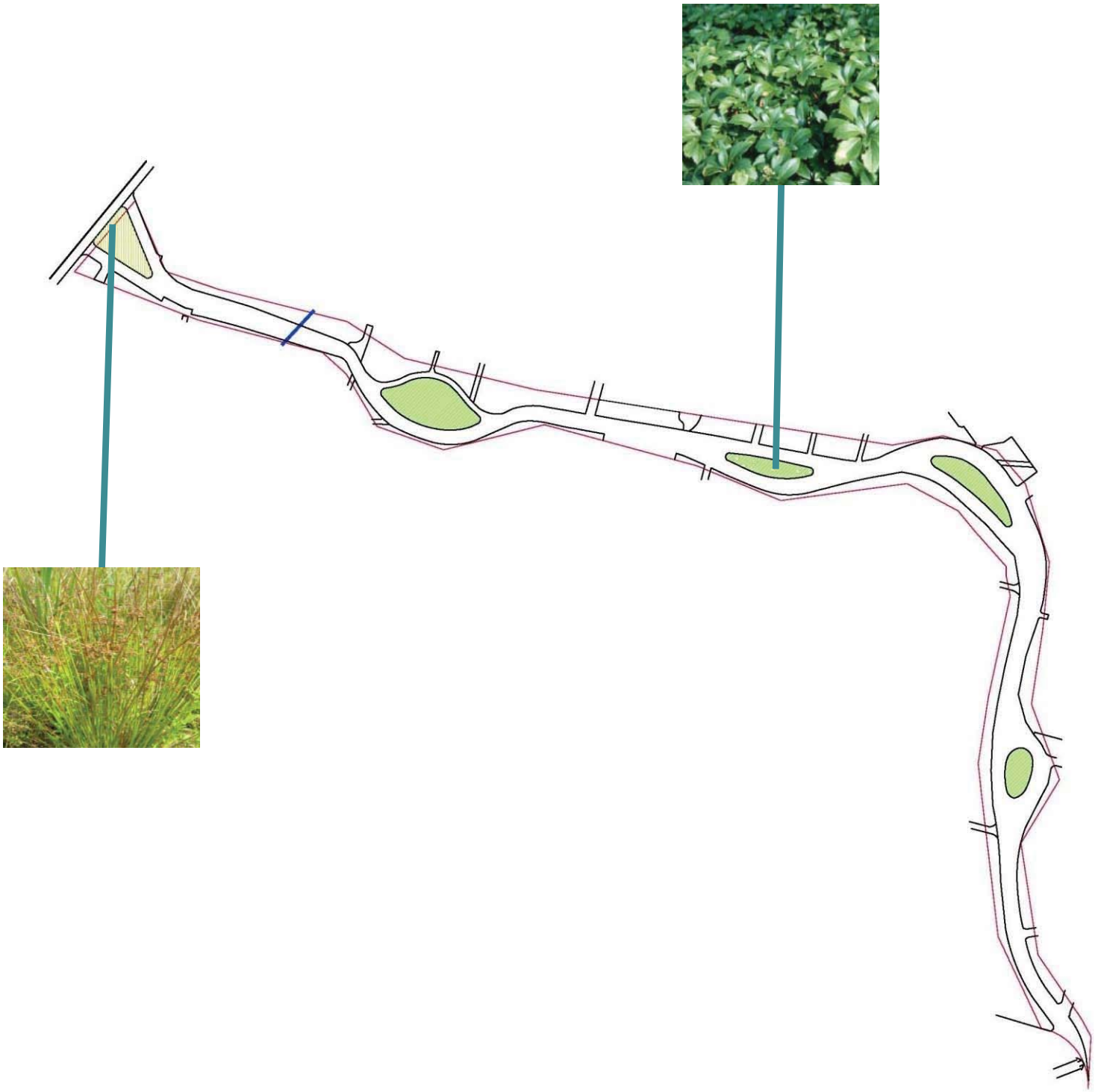
proposal

composite illustrative plan

concrete path surface



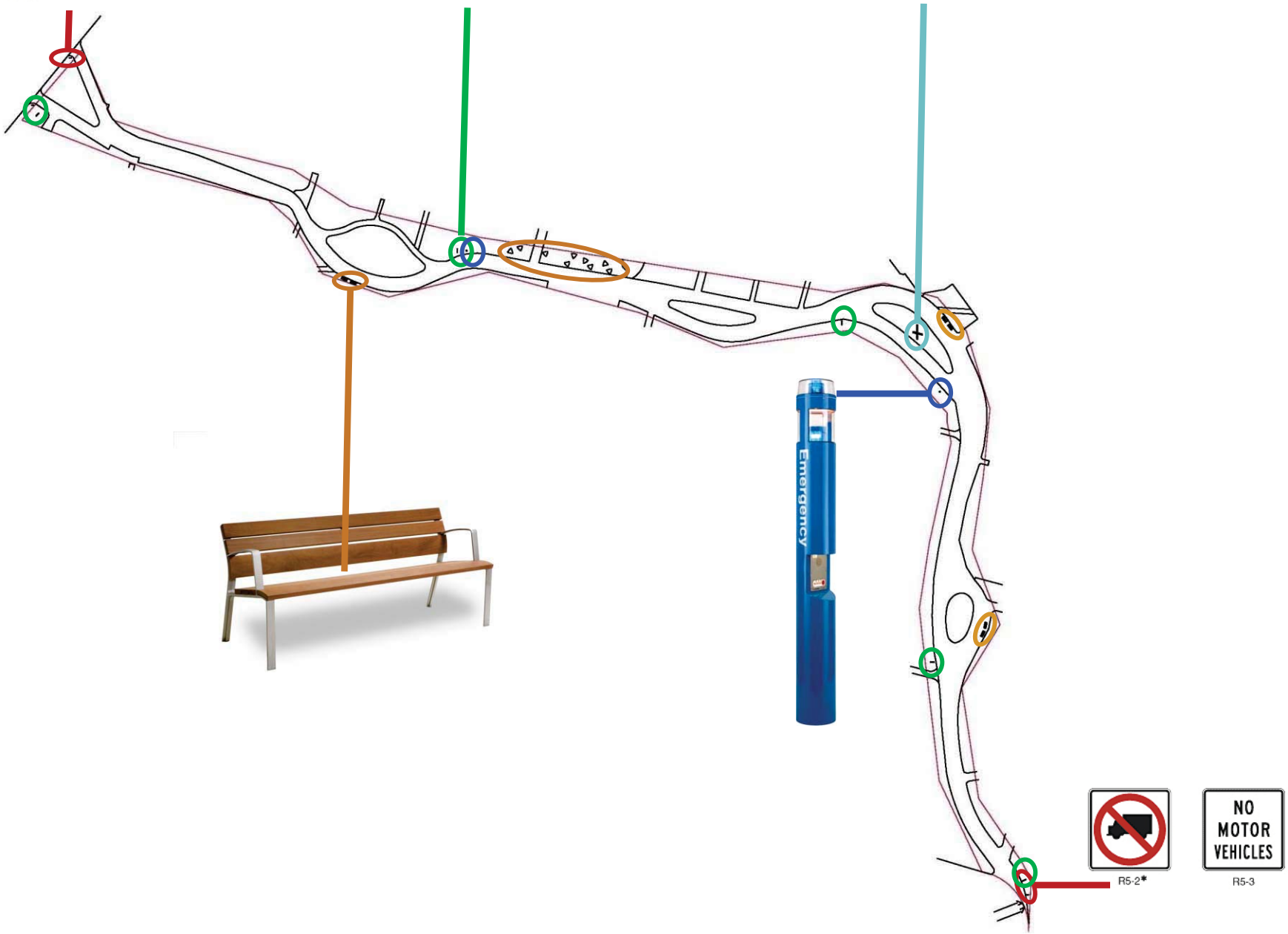
planting



seating/signs/blue phone

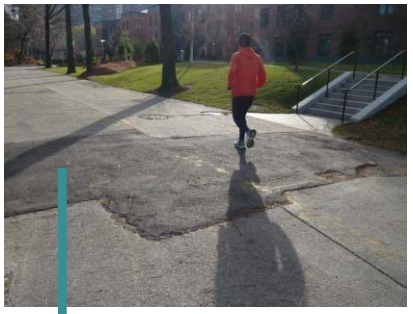
way-finding sign

informational sign



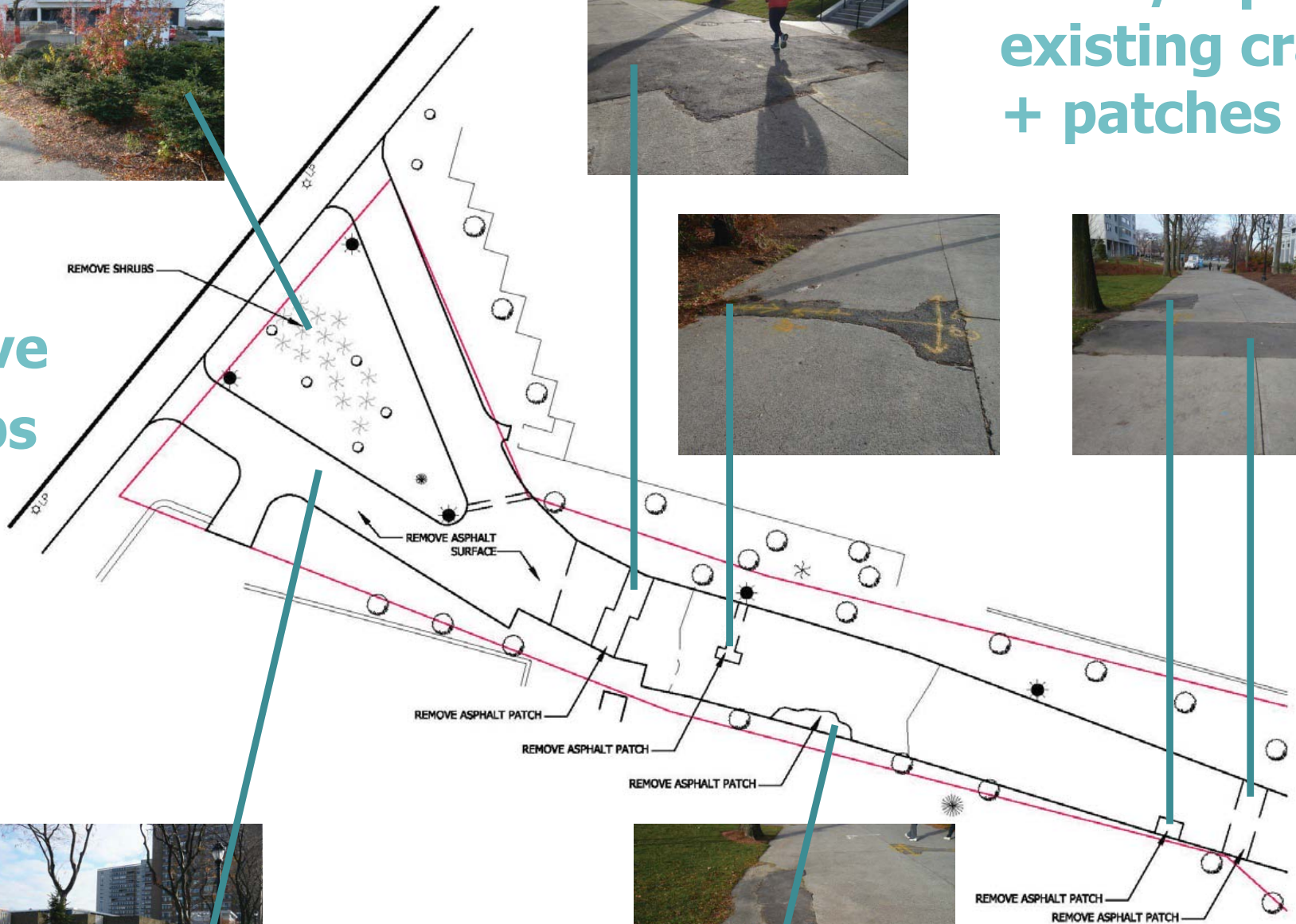
composite illustrative plan

existing/demolition



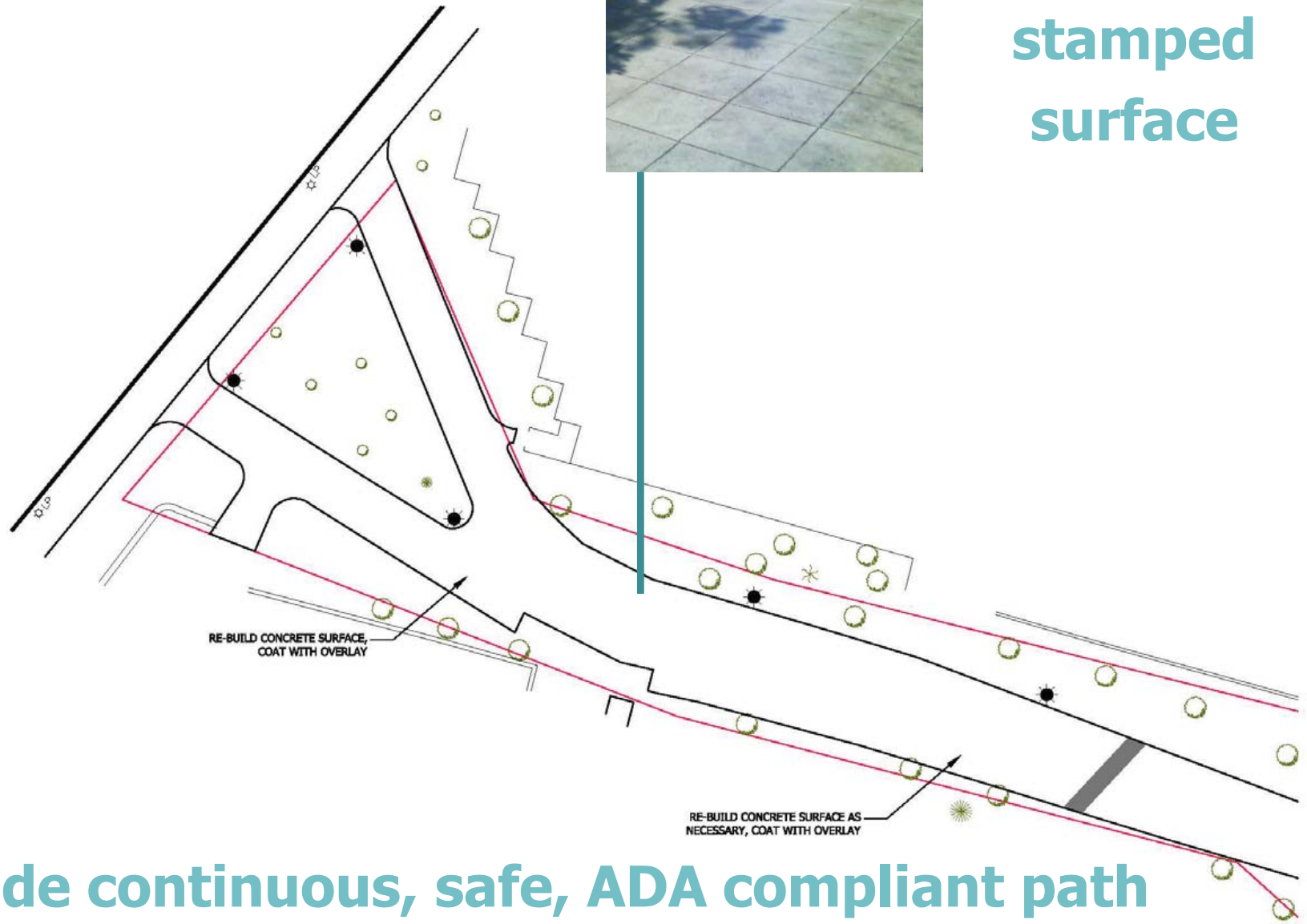
remove/repair all existing cracks + patches

remove shrubs



proposed surface

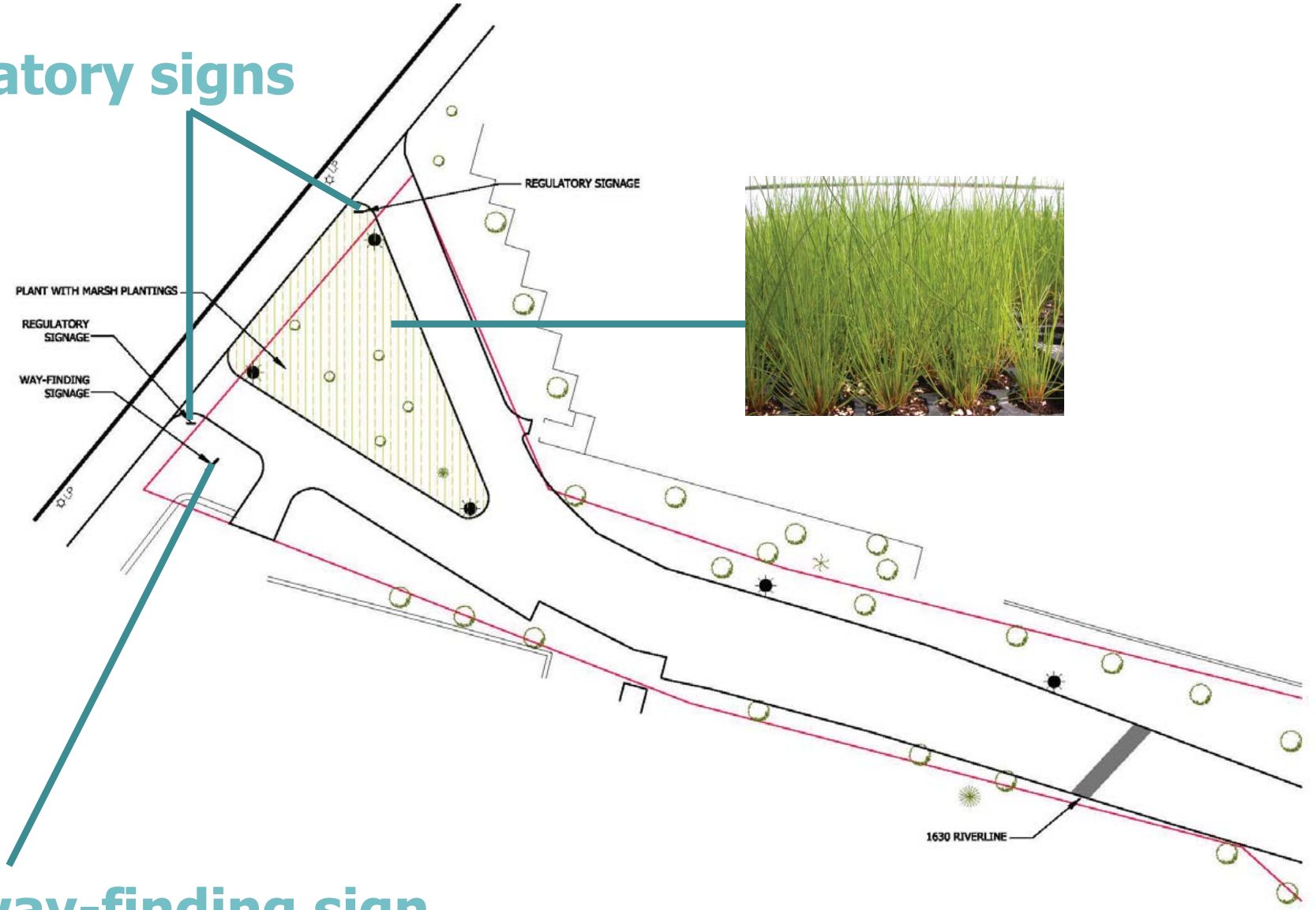
stamped surface



provide continuous, safe, ADA compliant path achieved by demolishing select parts of the path, rebuilding the path and overlaying new material

proposed planting/benches/signs/blue phones

regulatory signs



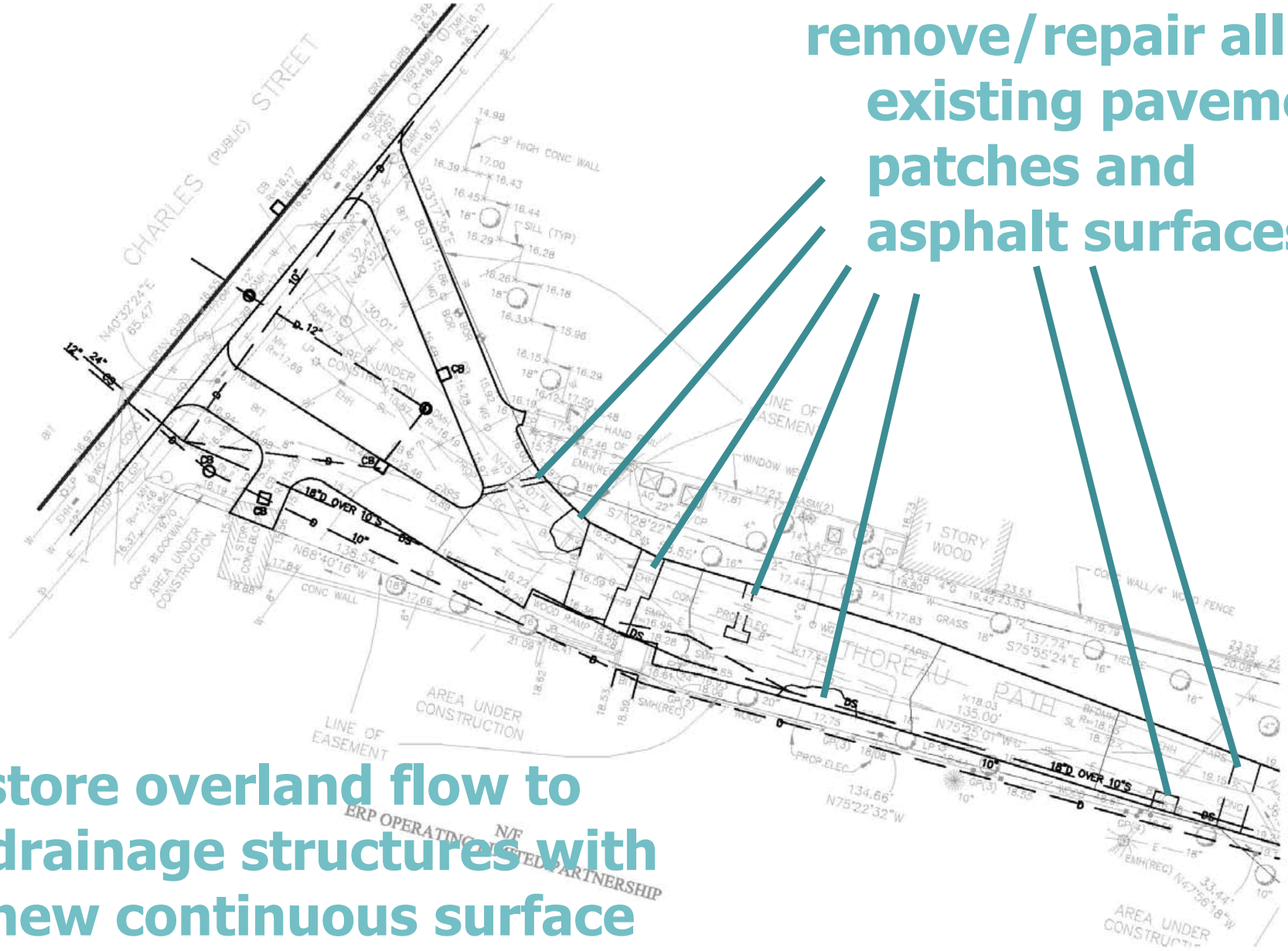
way-finding sign

existing drainage issues

puddles forming at pavement patches

puddles forming at imperfections in existing pavement

proposed drainage solutions



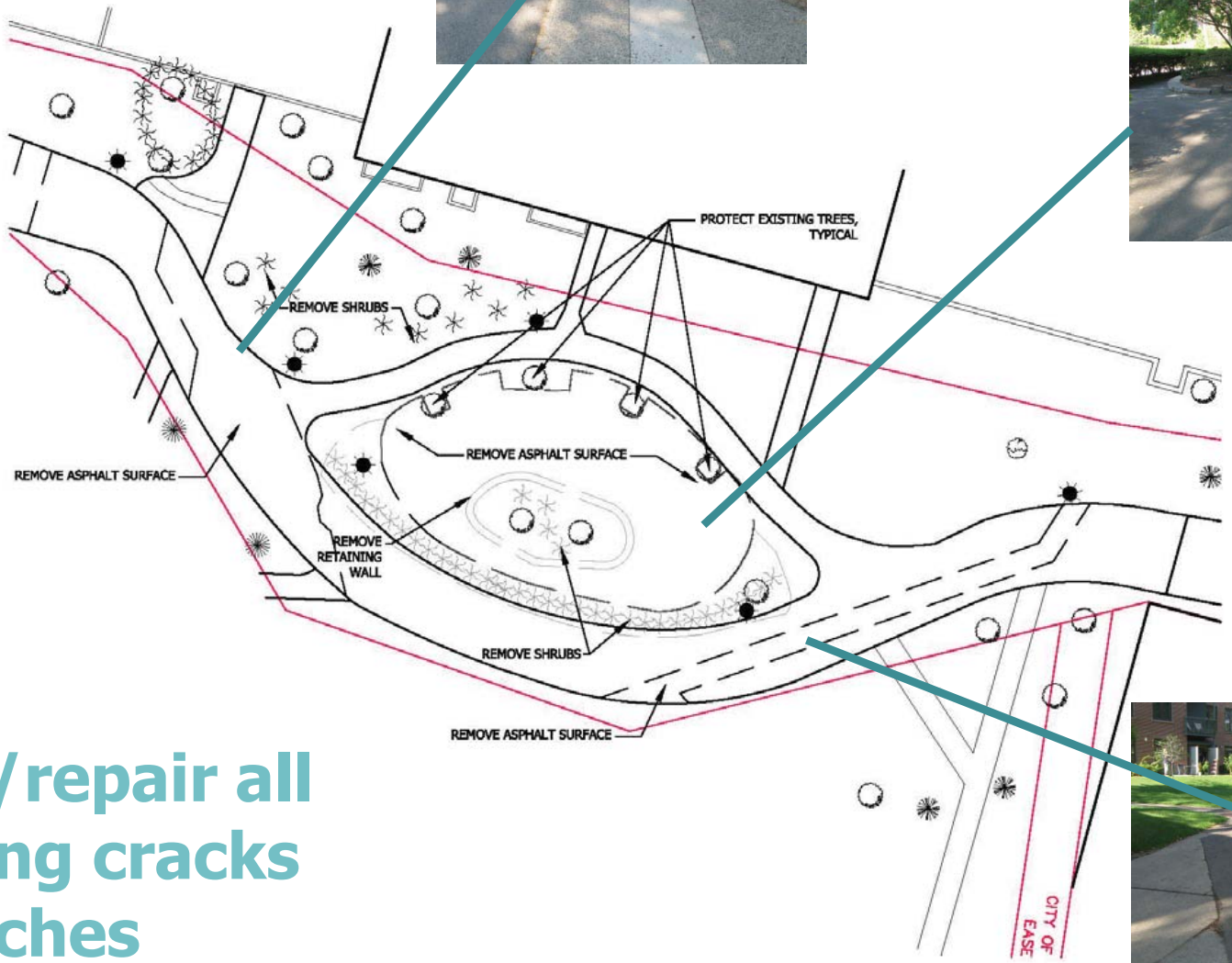
remove/repair all existing pavement patches and asphalt surfaces

restore overland flow to drainage structures with new continuous surface

existing/demolition

protect all
existing trees

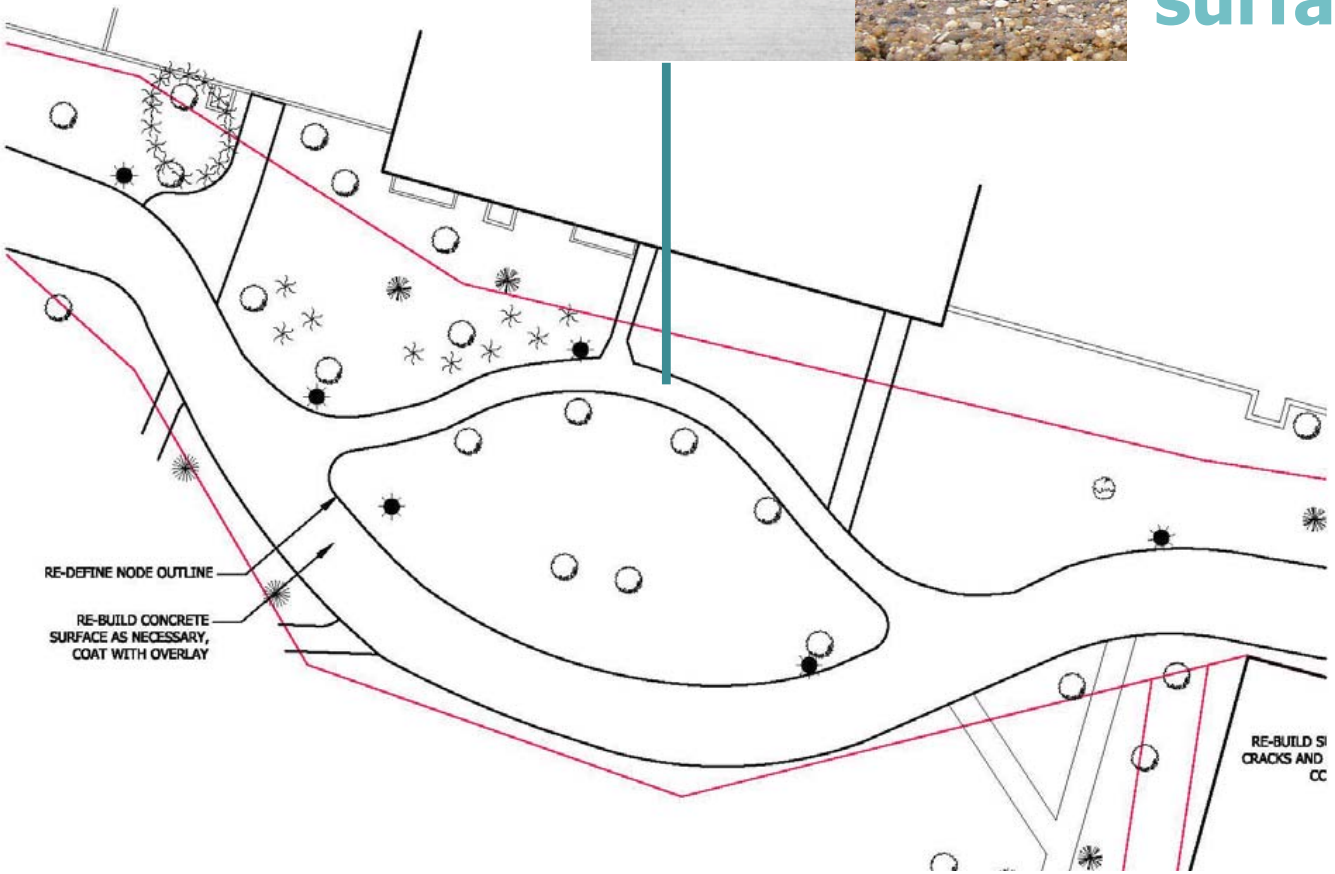
remove
shrubs



remove/repair all
existing cracks
+ patches

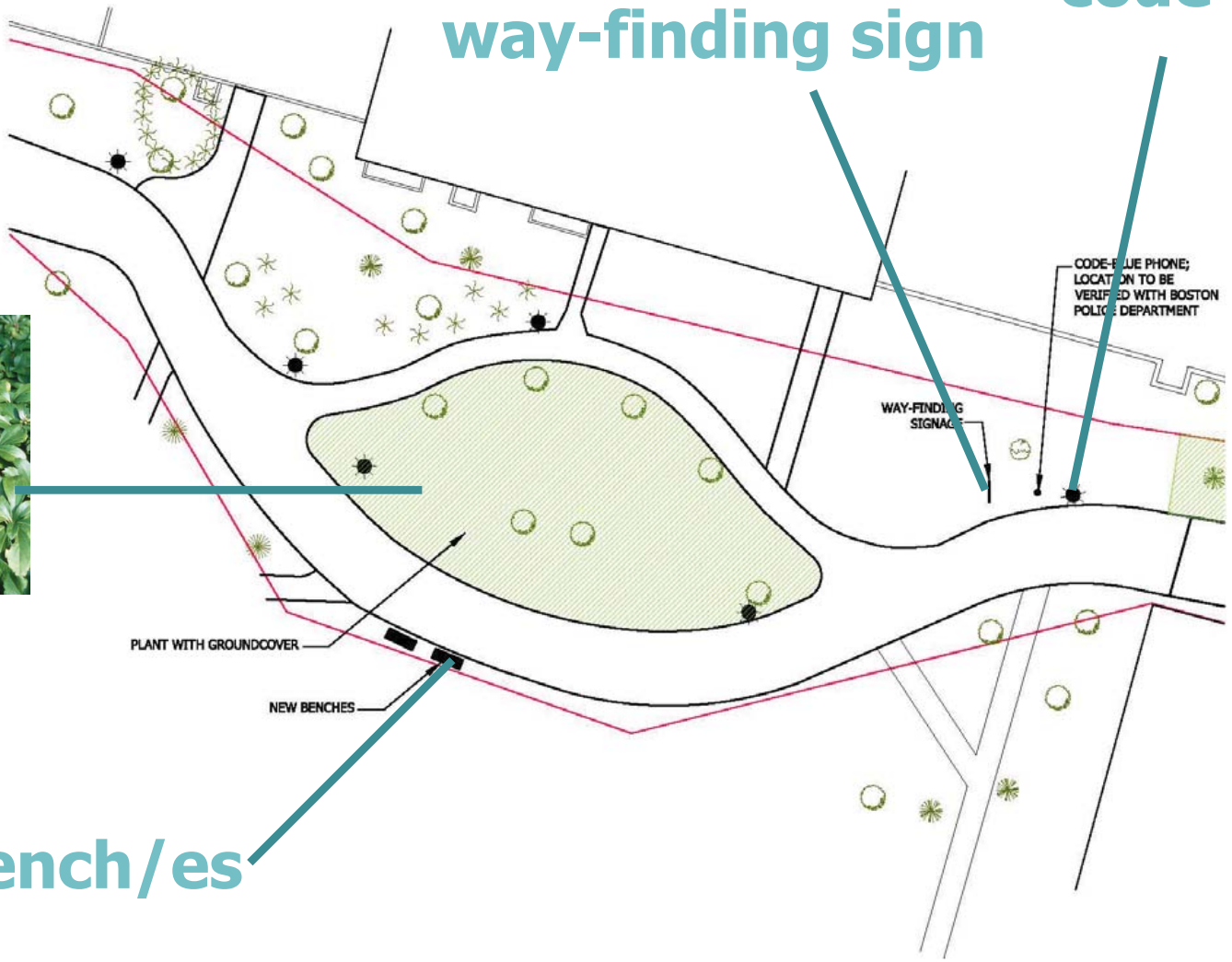
proposed surface

textured surface



provide continuous, safe, ADA compliant path achieved by demolishing select parts of the path, rebuilding the path and overlaying new material

proposed planting/benches/signs/blue phones

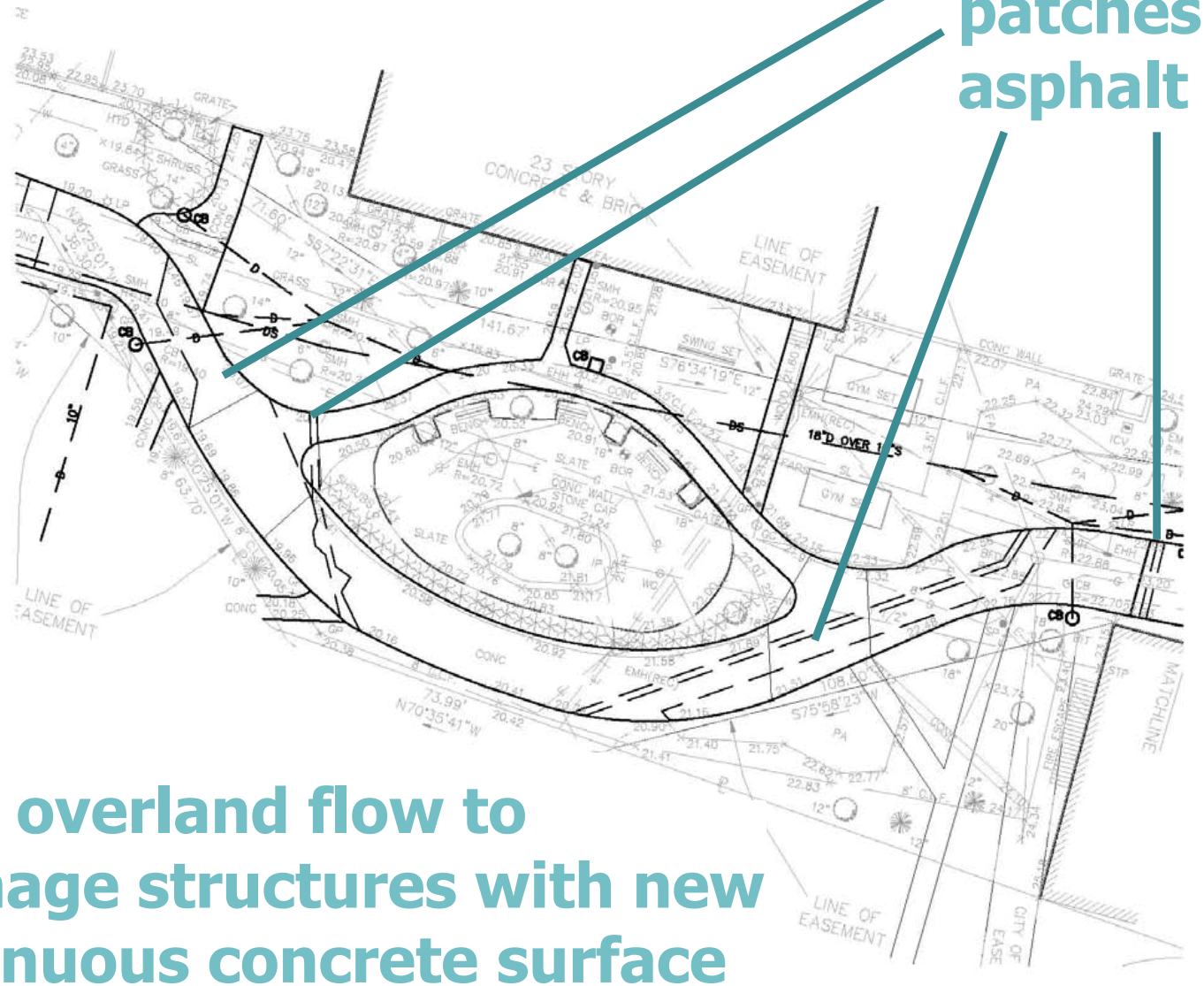


existing drainage issues

puddles forming at pavement patches and imperfections in existing pavement

proposed drainage solutions

remove/repair all existing pavement patches and asphalt surfaces

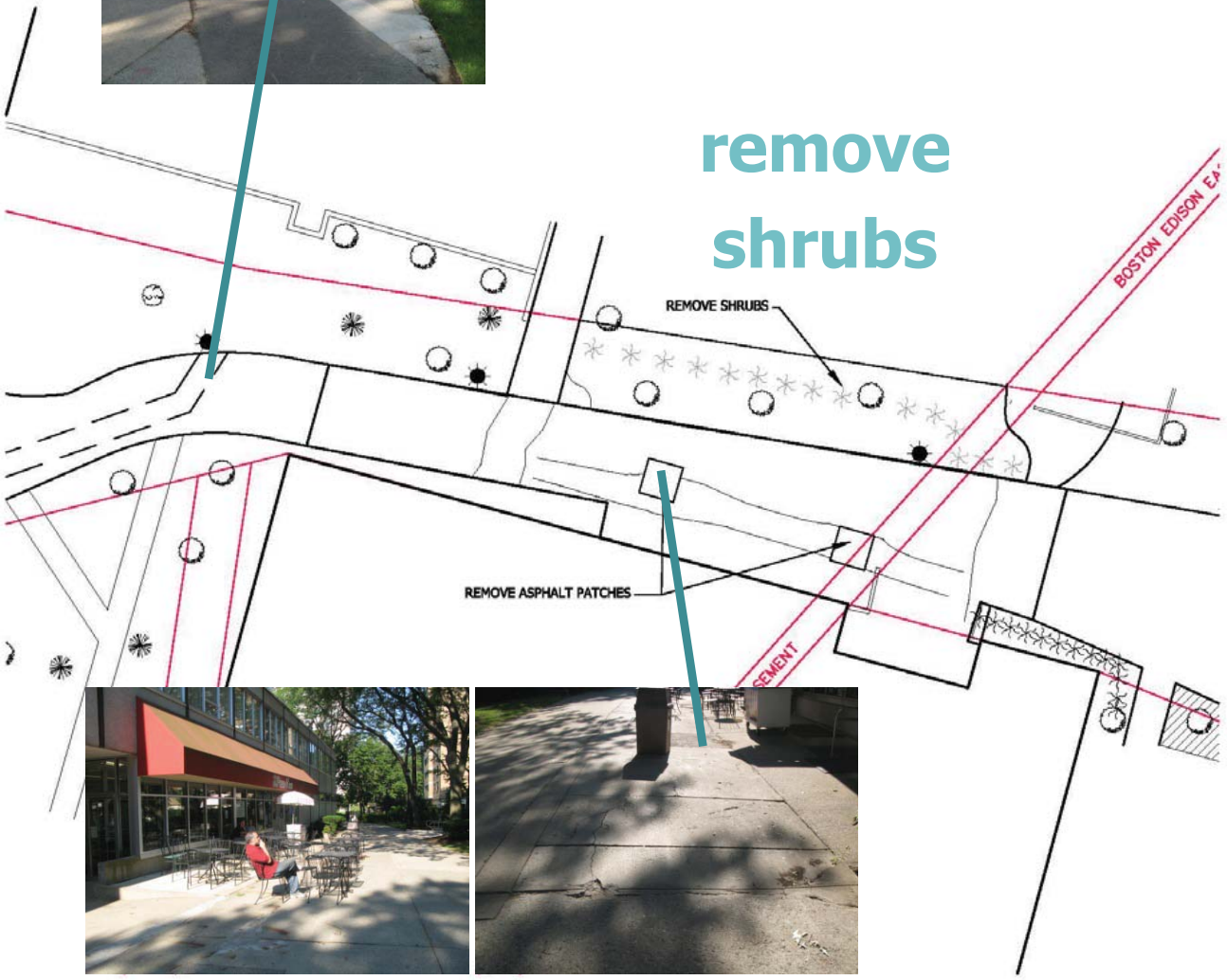


restore overland flow to drainage structures with new continuous concrete surface and adjusted rim elevations

existing/demolition

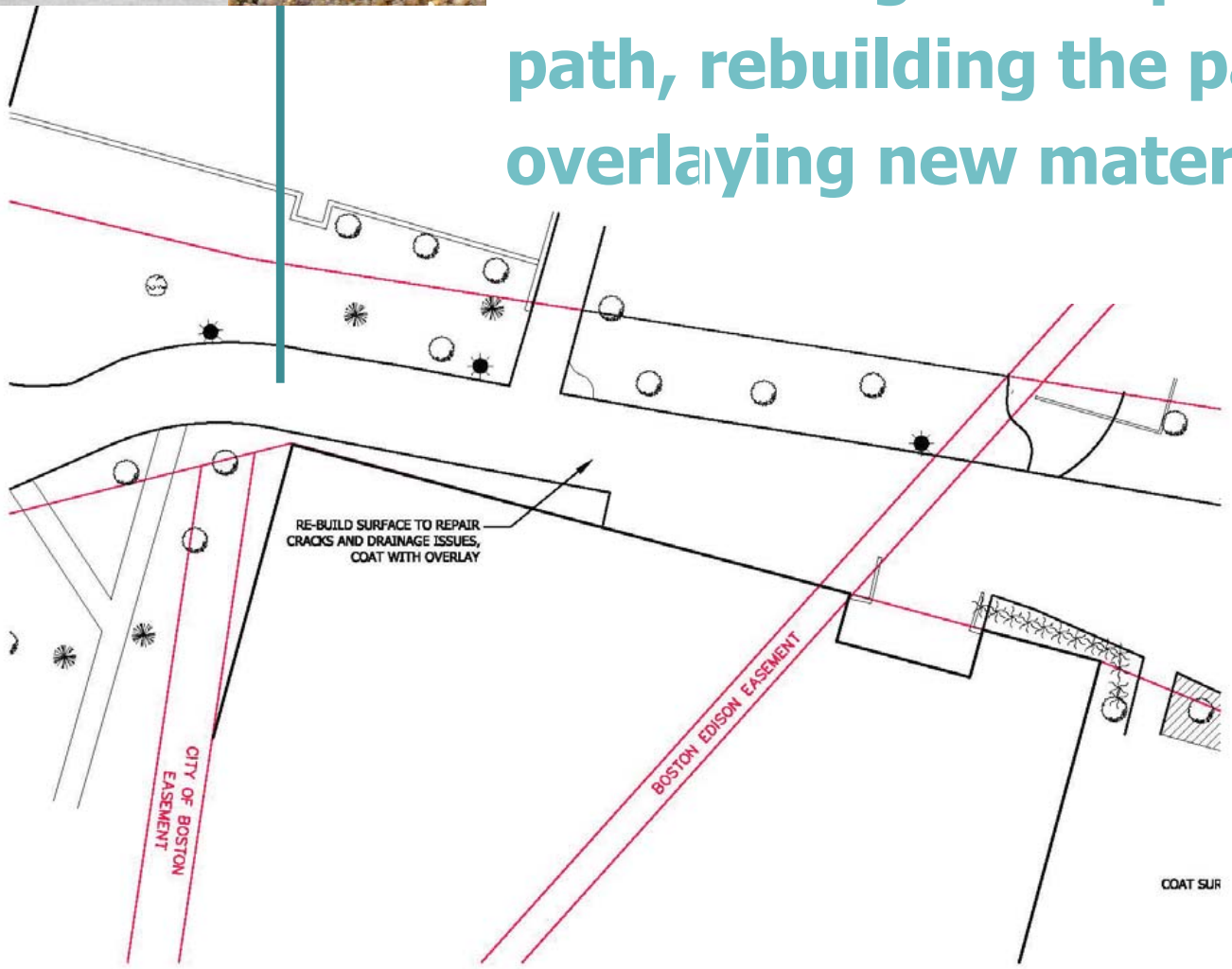
remove/repair all existing cracks + patches

remove shrubs



proposed textured surface

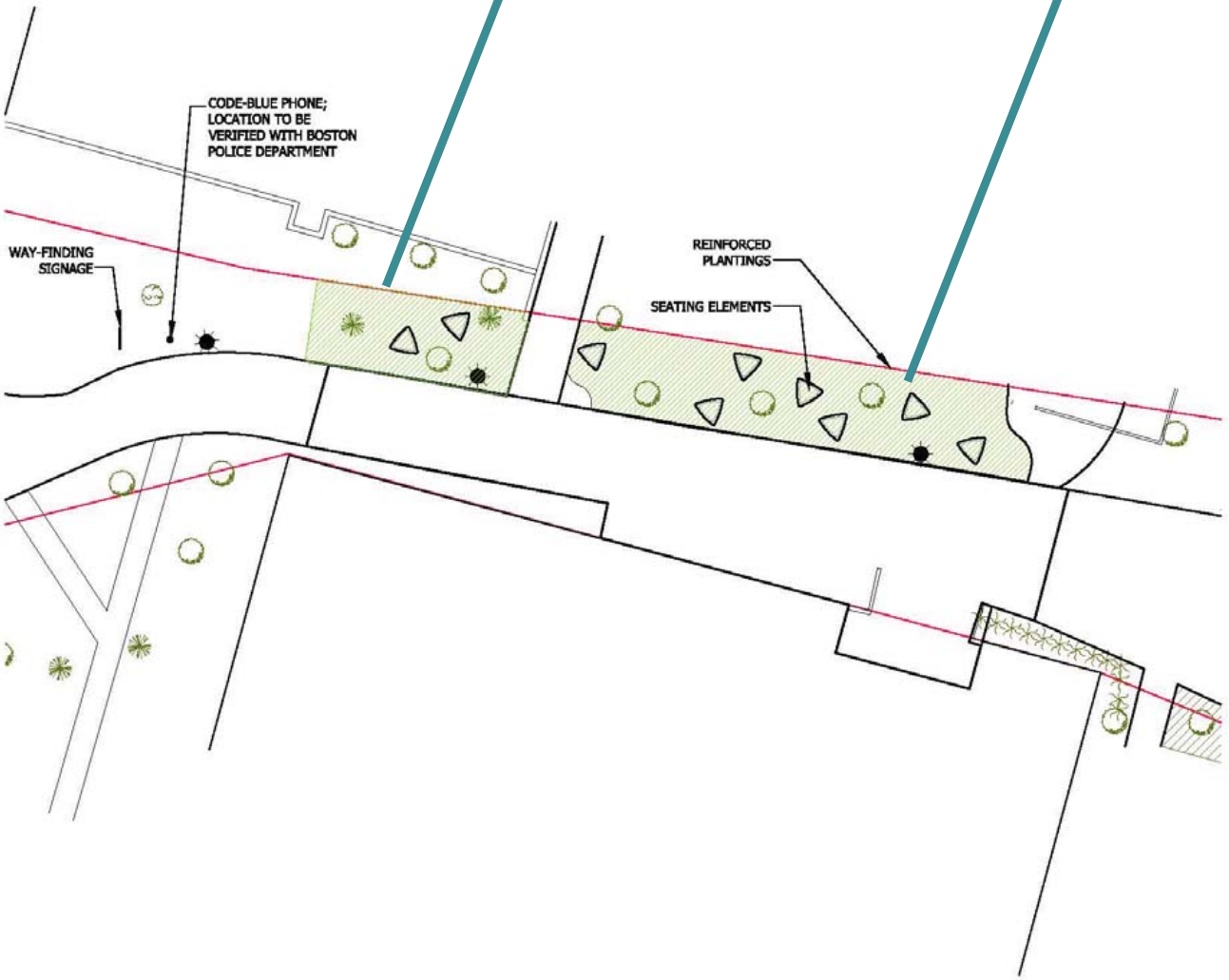
provide continuous, safe, ADA compliant path achieved by demolishing select parts of the path, rebuilding the path and overlaying new material

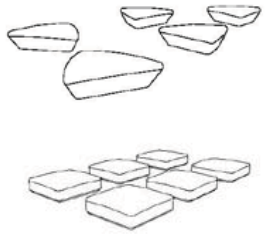


proposed planting/benches/signs/blue phones

plantings

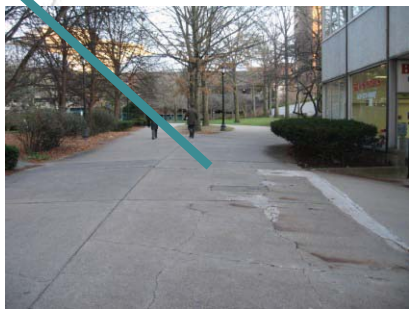
seating elements





existing drainage issues

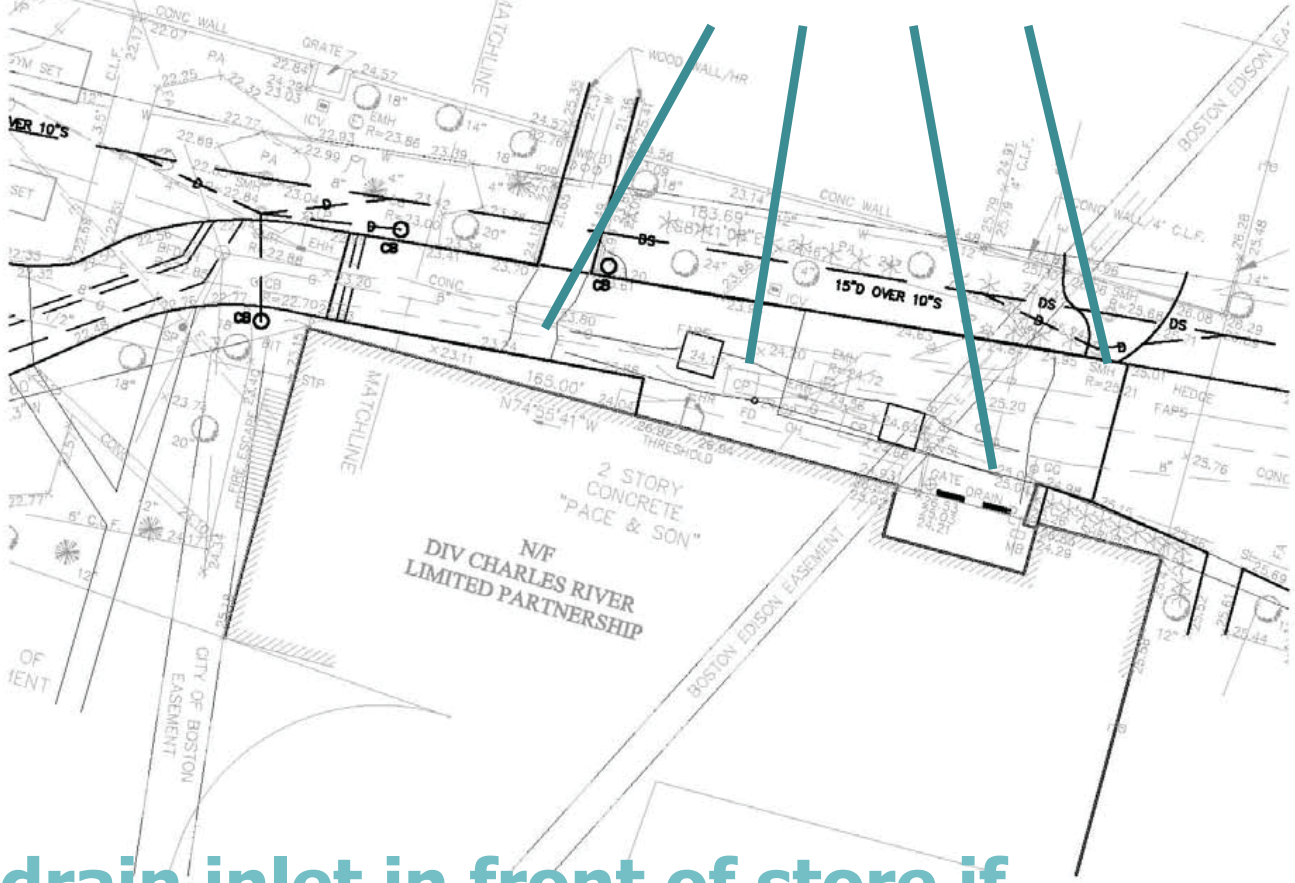
puddles forming at pavement patches and cracks in pavement



proposed drainage solutions

remove/repair all existing pavement patches and cracks

restore overland flow to drainage structures with new continuous surface

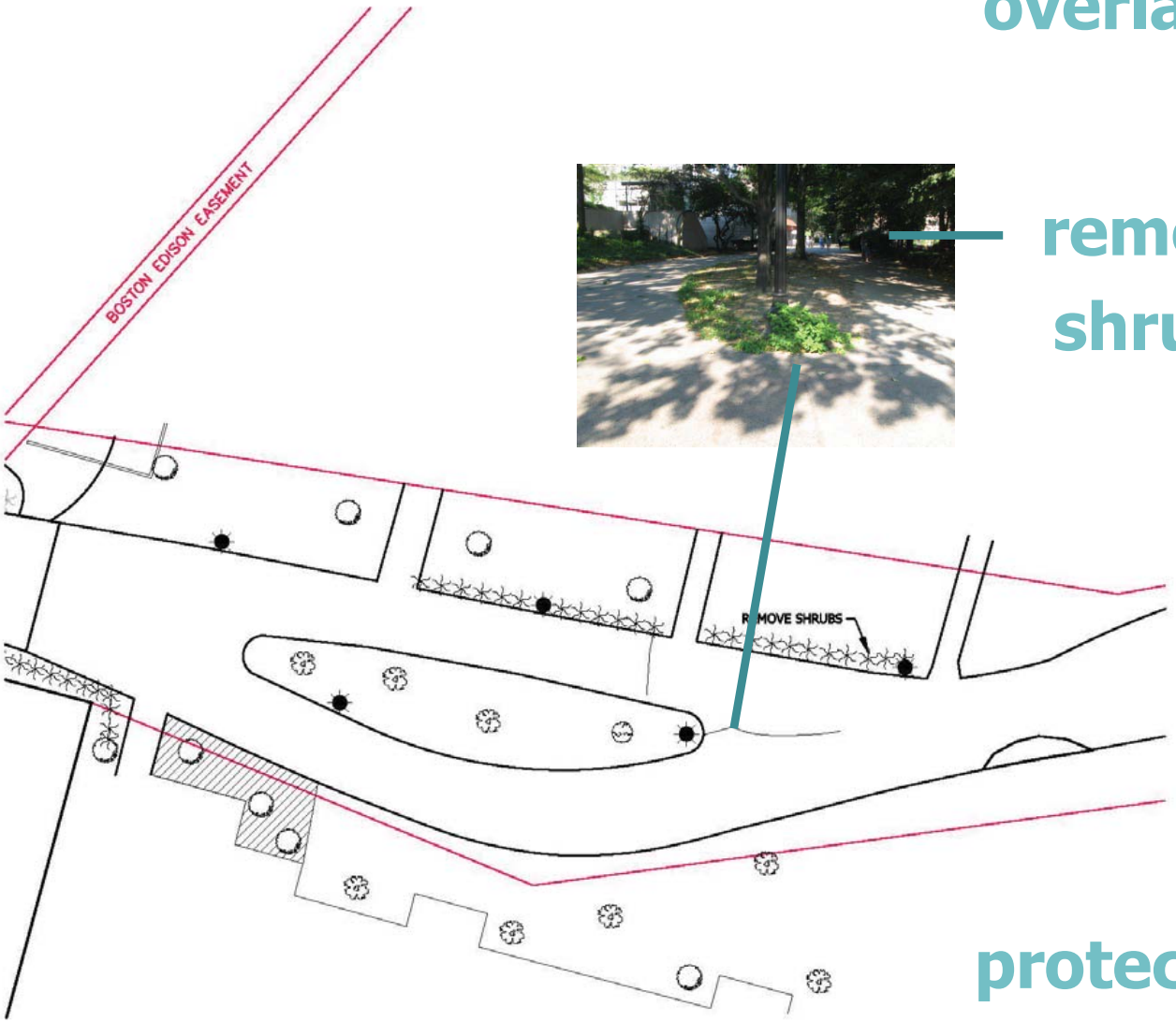


add new drain inlet in front of store if necessary depending on flow length

existing/demolition

repair cracks with overlay surface

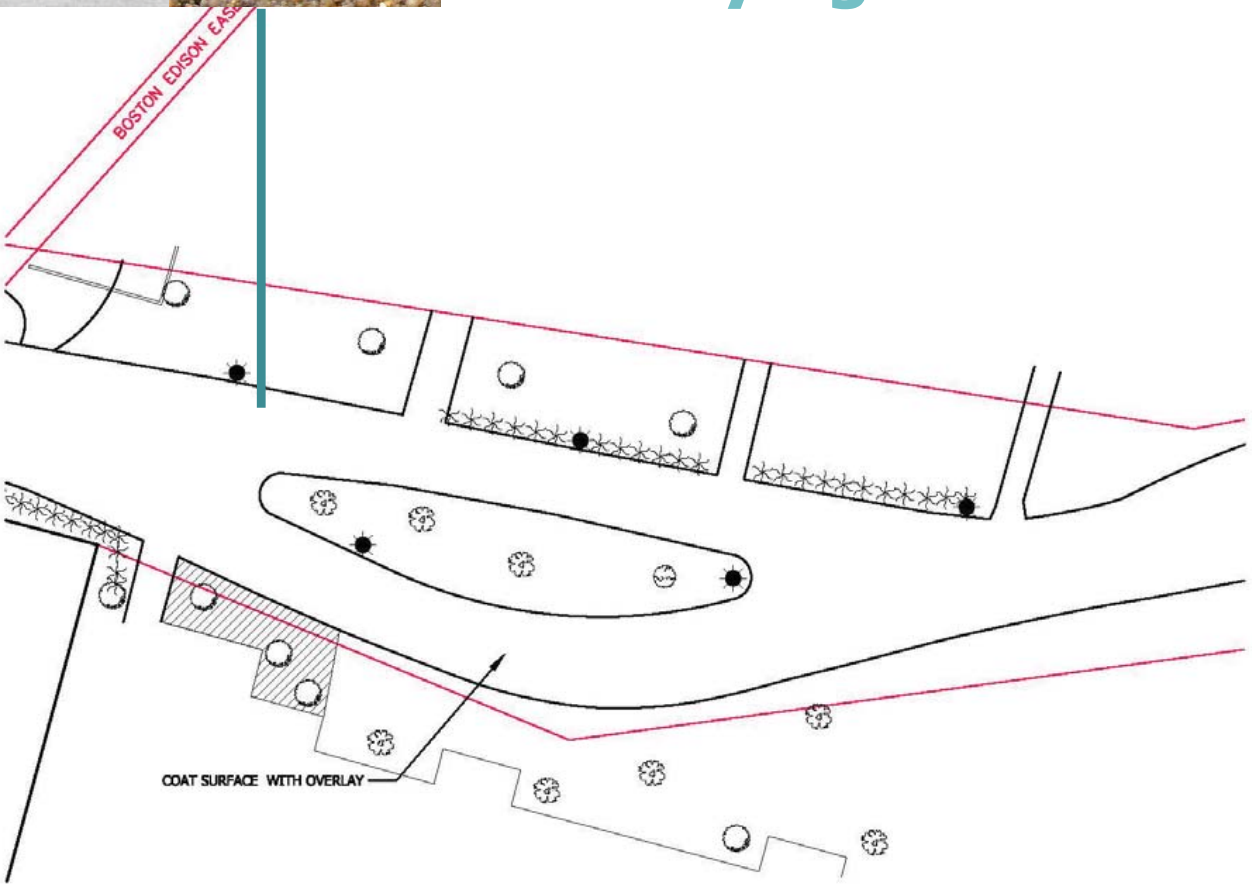
remove shrubs



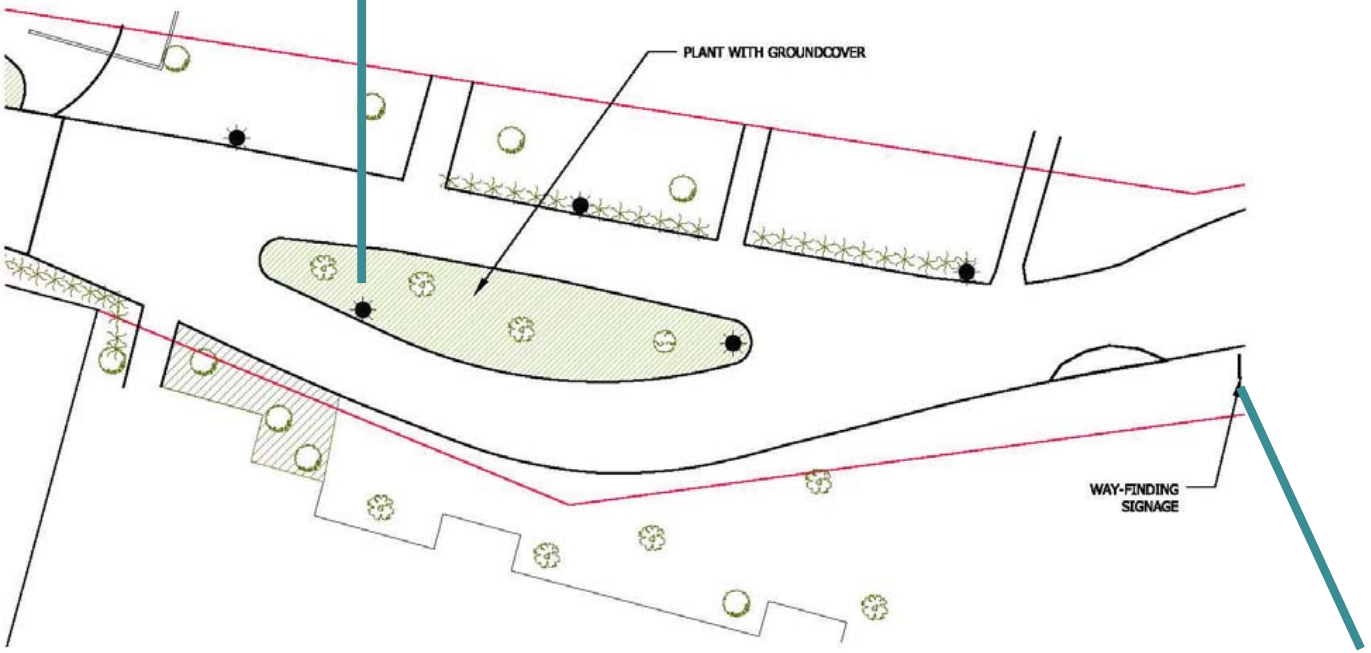
protect all existing trees

proposed textured surface

provide continuous, safe, ADA compliant path achieved by overlaying new material



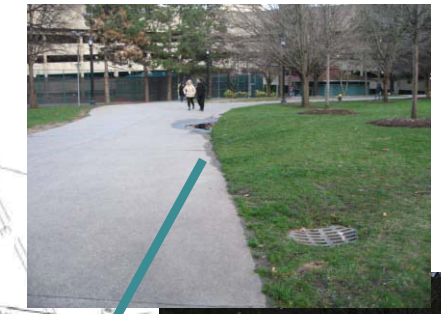
proposed planting/benches/signs/blue phones



way-finding sign

existing drainage issues

puddles forming where runoff cannot drain to landscaping

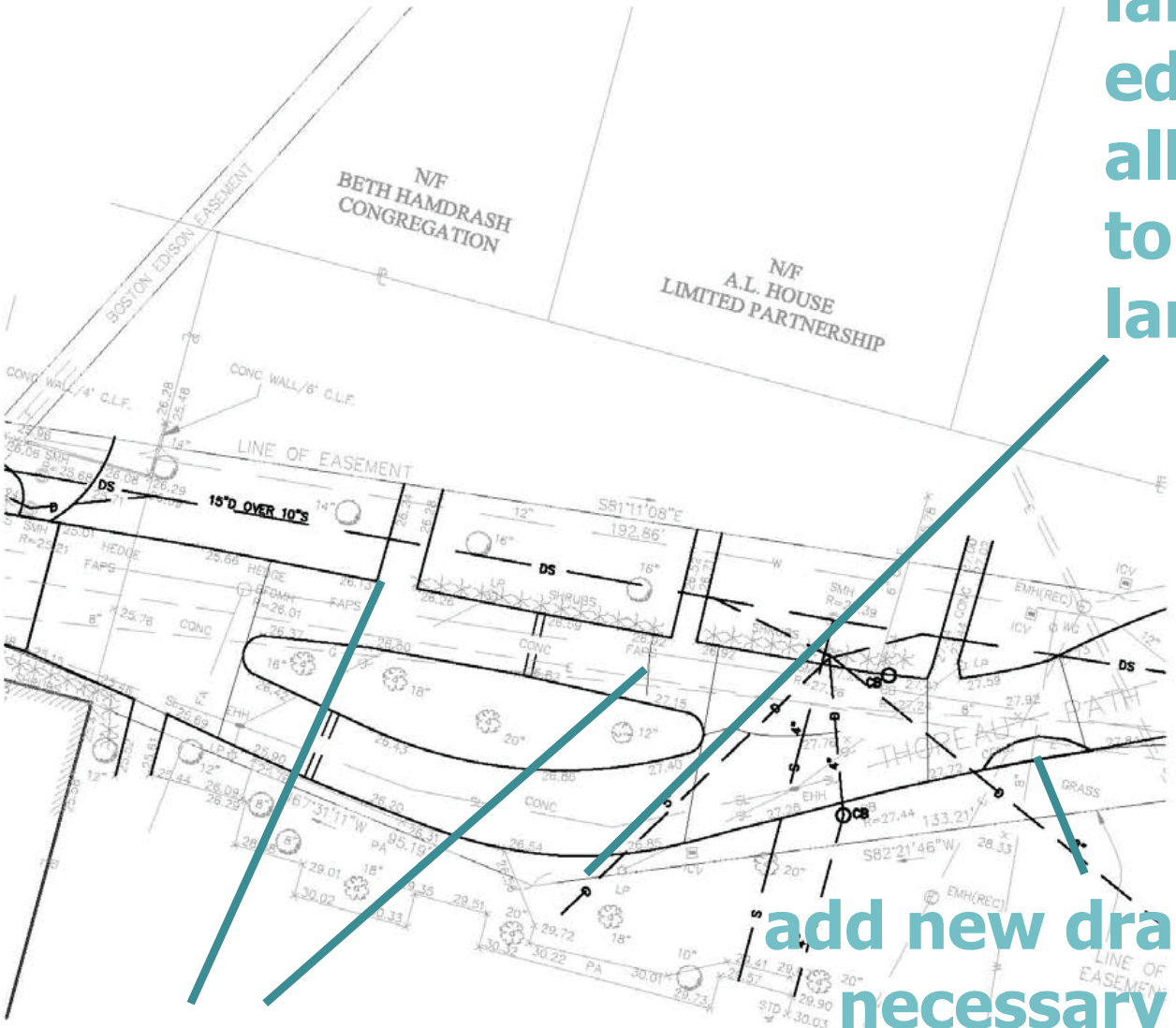


large puddle forming where existing grades are very shallow

puddles forming at imperfections in existing pavement

proposed drainage solutions

regrade landscape edge to allow runoff to drain to landscaping



add new drain inlet if necessary depending on flow length and slope to existing inlet

remove/repair all existing pavement cracks and imperfections

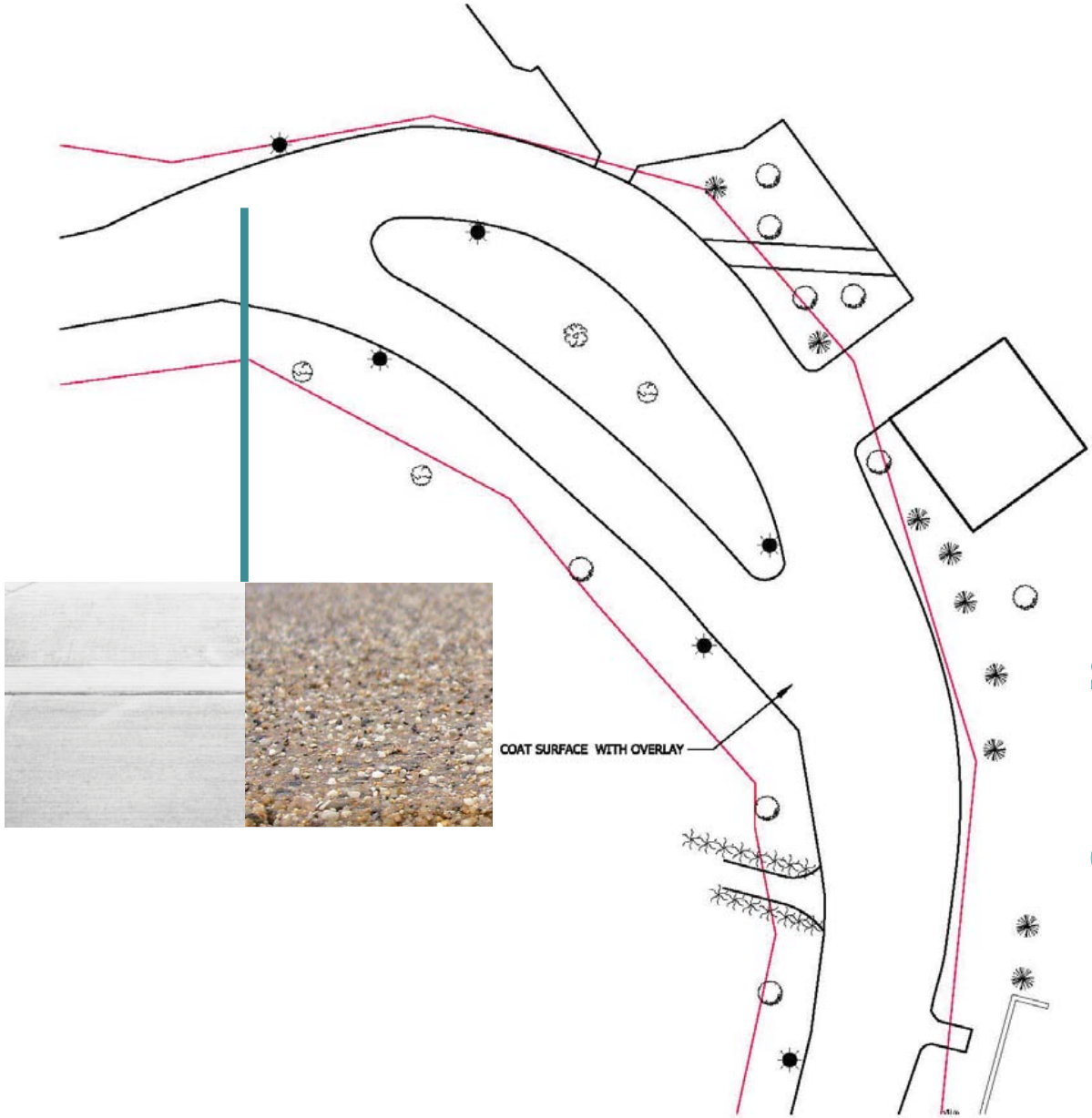
existing/demolition

repair cracks with overlay surface

remove cut-through path

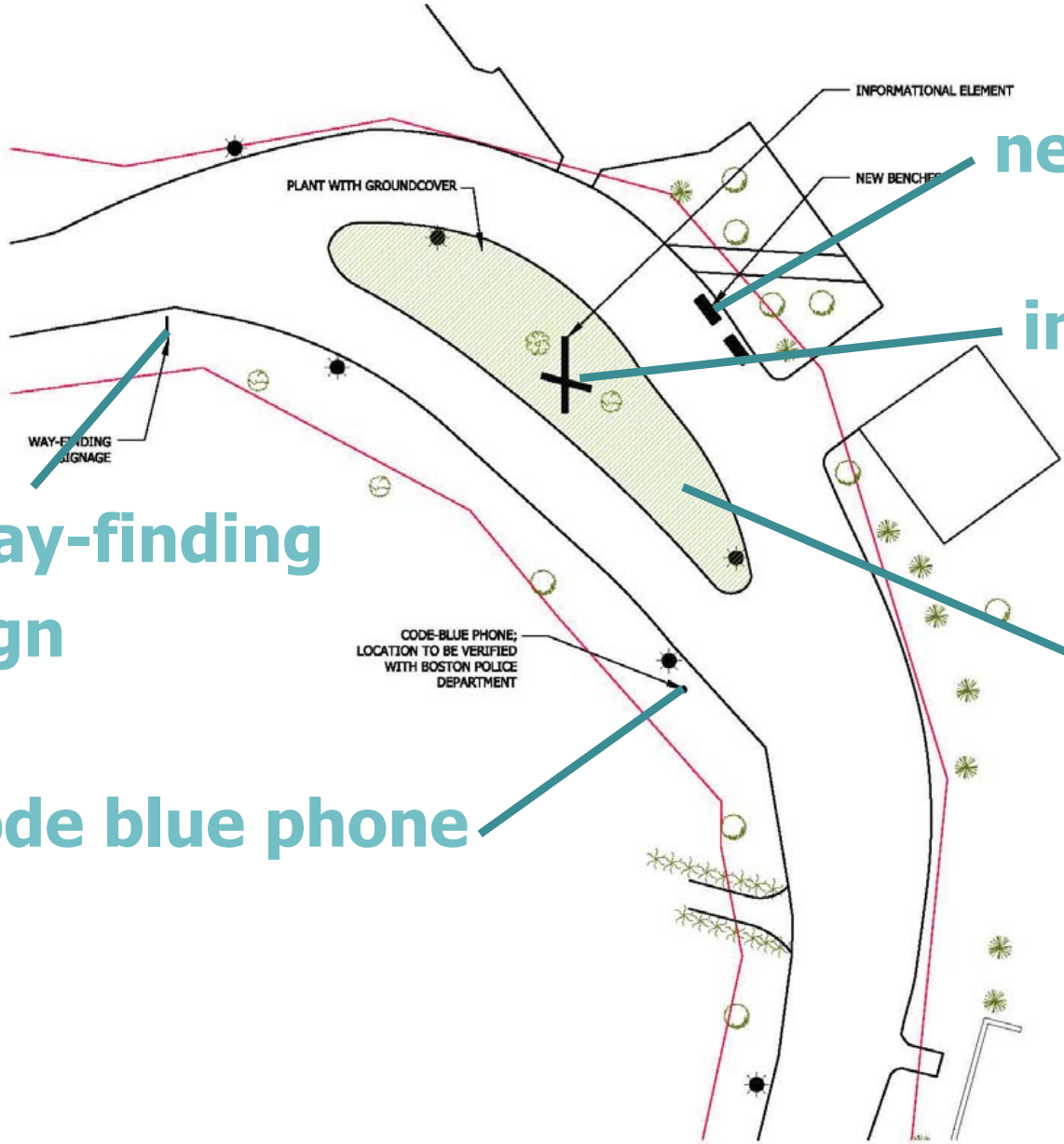
protect all existing trees

proposed textured surface



provide continuous, safe, ADA compliant path achieved by overlaying new material

proposed planting/benches/signs/blue phones



new bench/es

informational sign

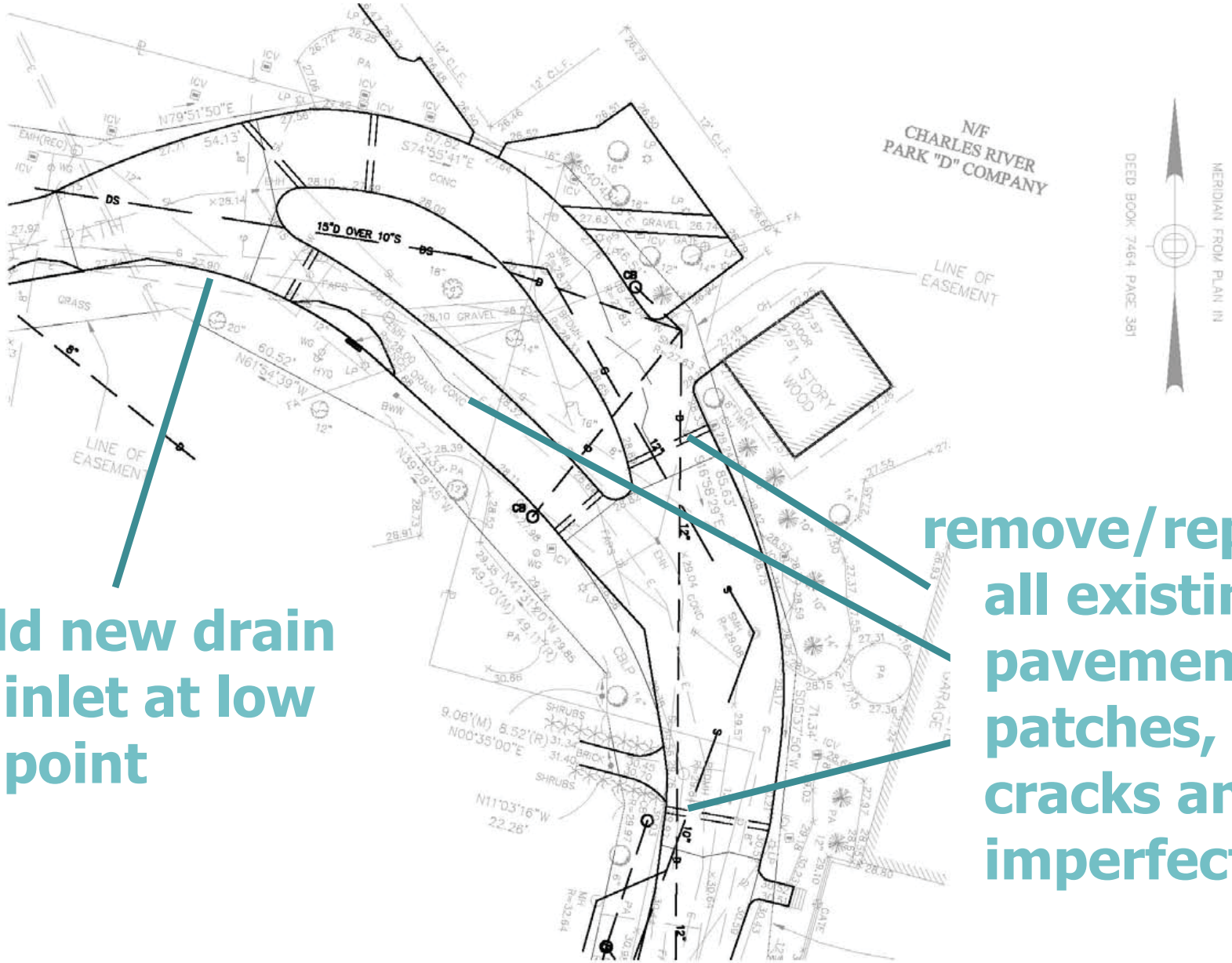
way-finding sign

code blue phone

existing drainage issues

- large puddle forming where existing grades indicate a low point
- existing trench drain as noted on survey can not be located upon visual inspection
- puddles forming at imperfections in existing pavement

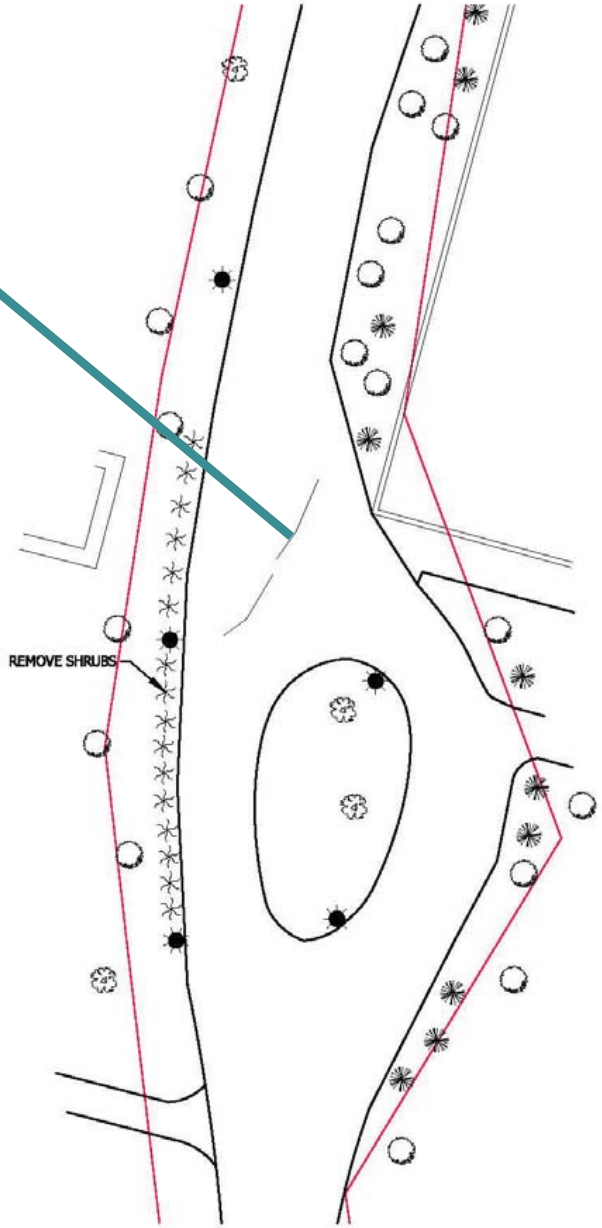
proposed drainage solutions



add new drain inlet at low point

remove/repair all existing pavement patches, cracks and imperfections

existing/demolition

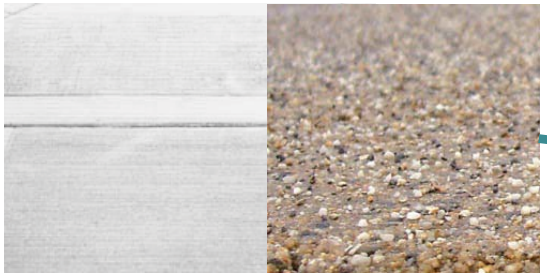


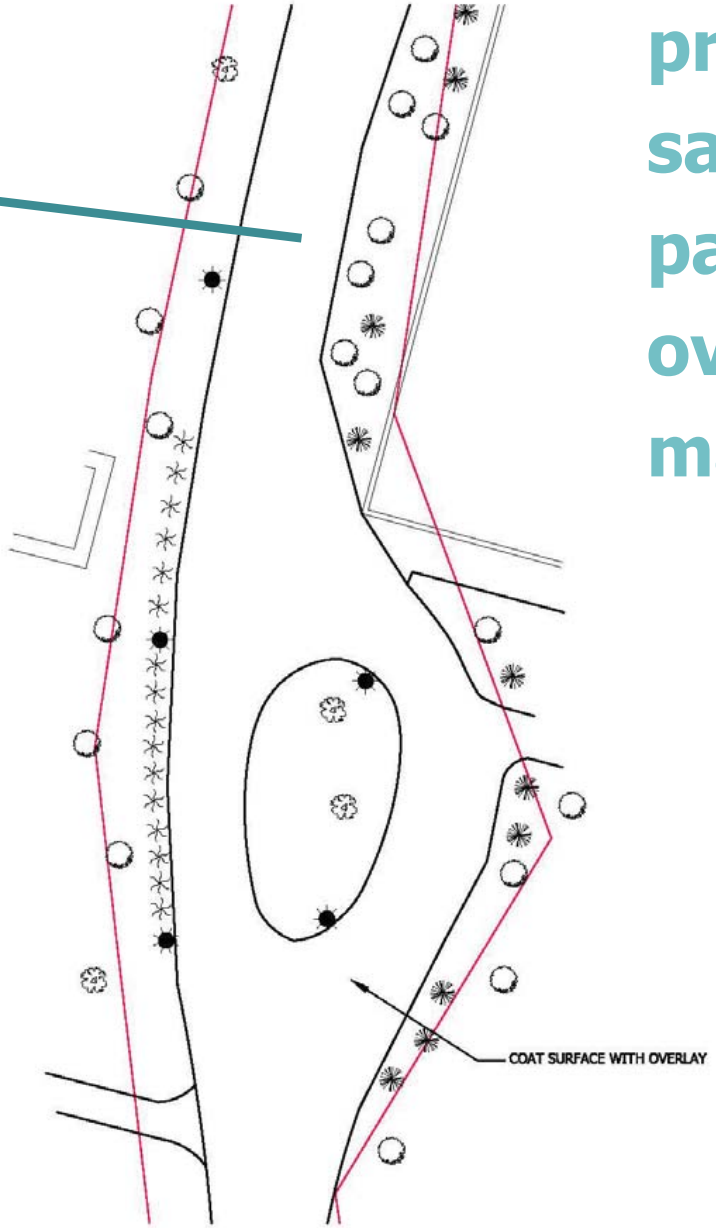
repair cracks with overlay surface

remove shrubs

protect all existing trees

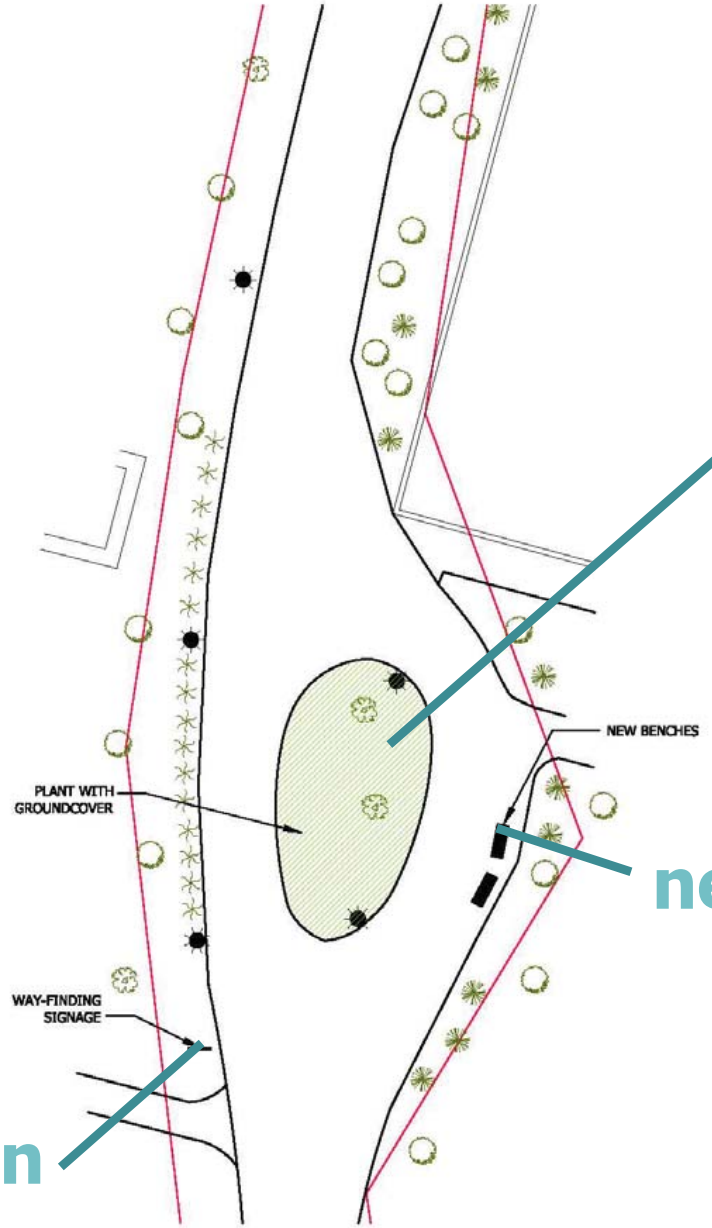
proposed textured surface





provide continuous, safe, ADA compliant path achieved by overlaying new material

proposed planting/benches/signs/blue phones



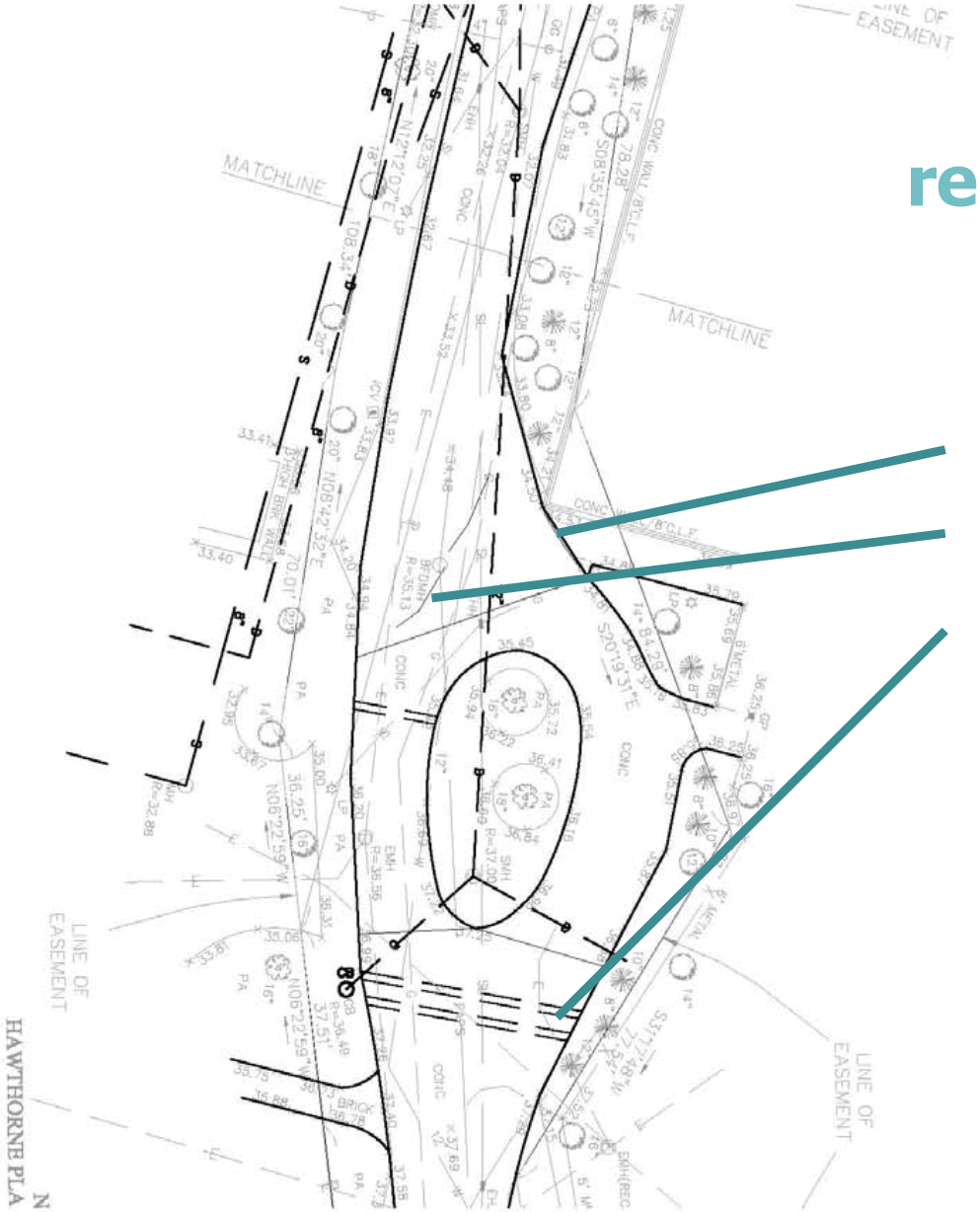
new bench/es

way-finding sign

existing drainage issues

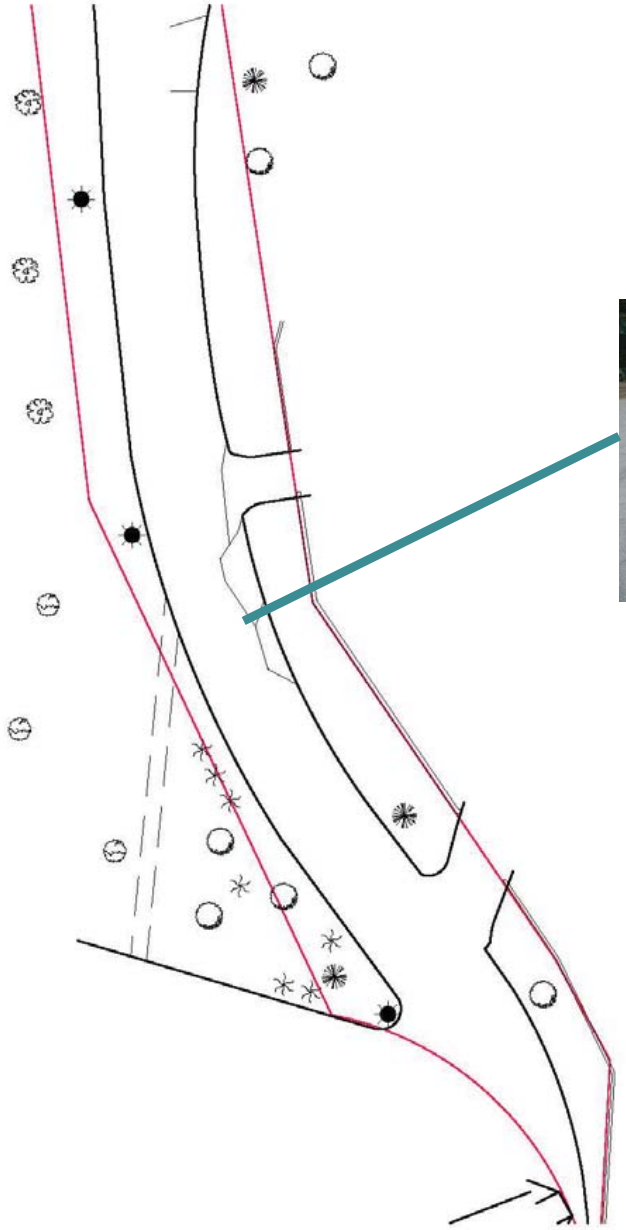
puddle forming at pavement patches and cracks in existing pavement

proposed drainage solutions



remove/repair all existing pavement patches, cracks and imperfections

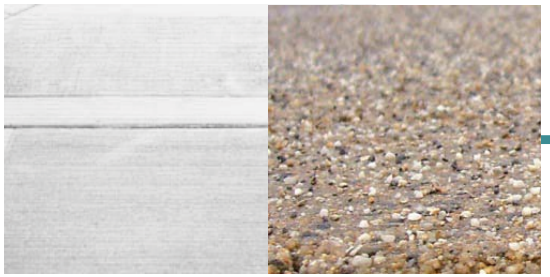
existing/demolition

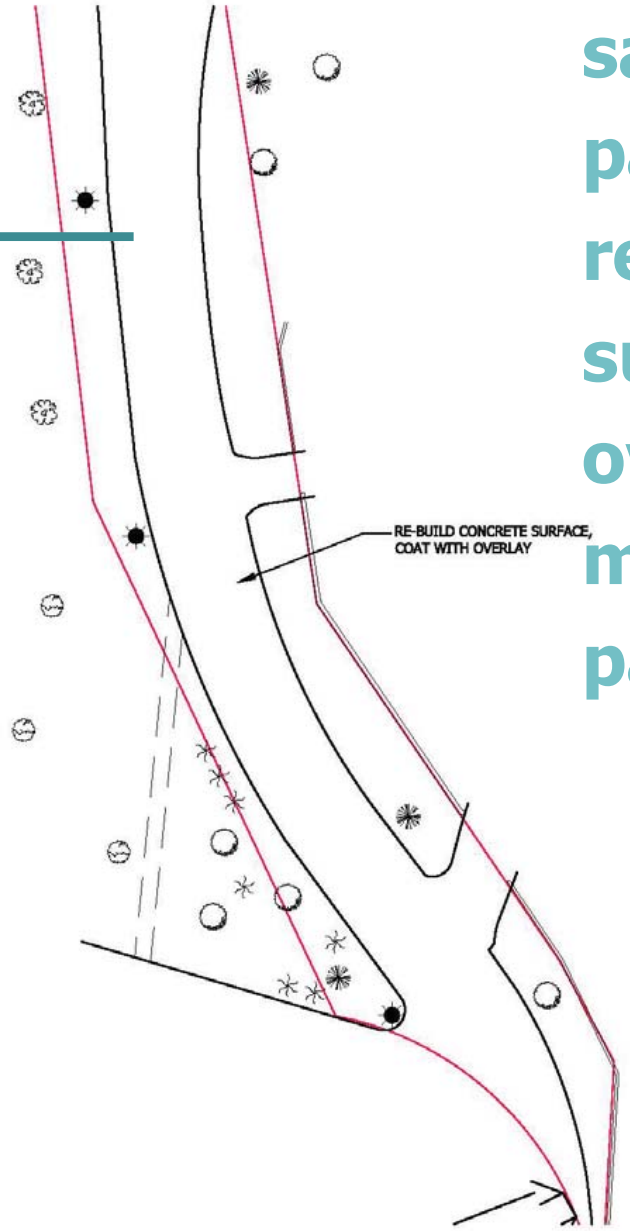


repair cracks with overlay surface and rebuild damaged area

protect all existing trees

proposed textured surface





provide continuous, safe, ADA compliant path achieved by rebuilding area of subsidence and overlaying new material over entire path

proposed planting/benches/signs/blue phones

way-finding sign

regulatory sign

existing drainage issues

large puddle forming where existing pavement has cracked and collapsed

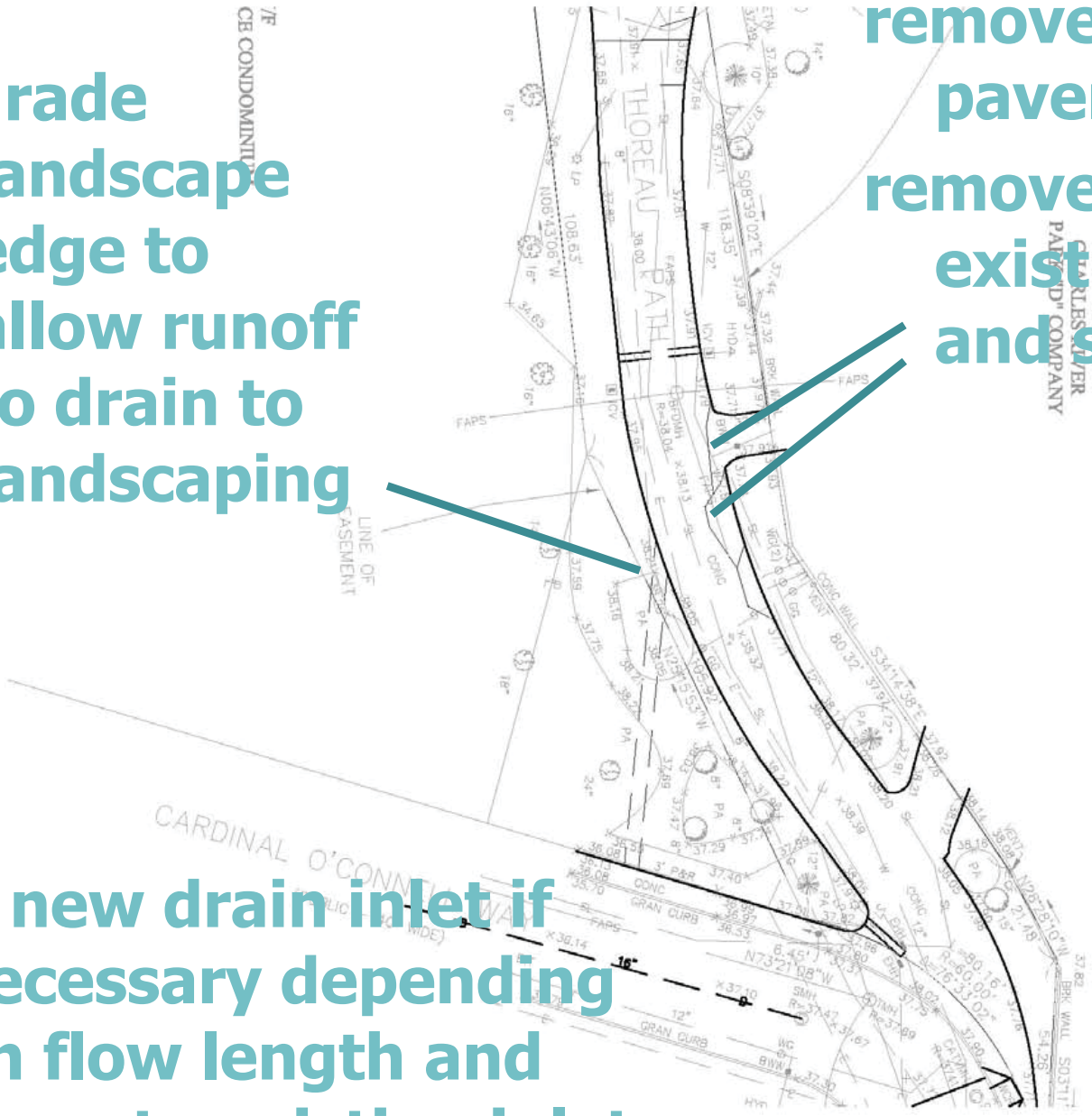
puddles forming where runoff cannot drain to landscaping

proposed drainage solutions

regrade landscape edge to allow runoff to drain to landscaping

remove/repair existing pavement cracks

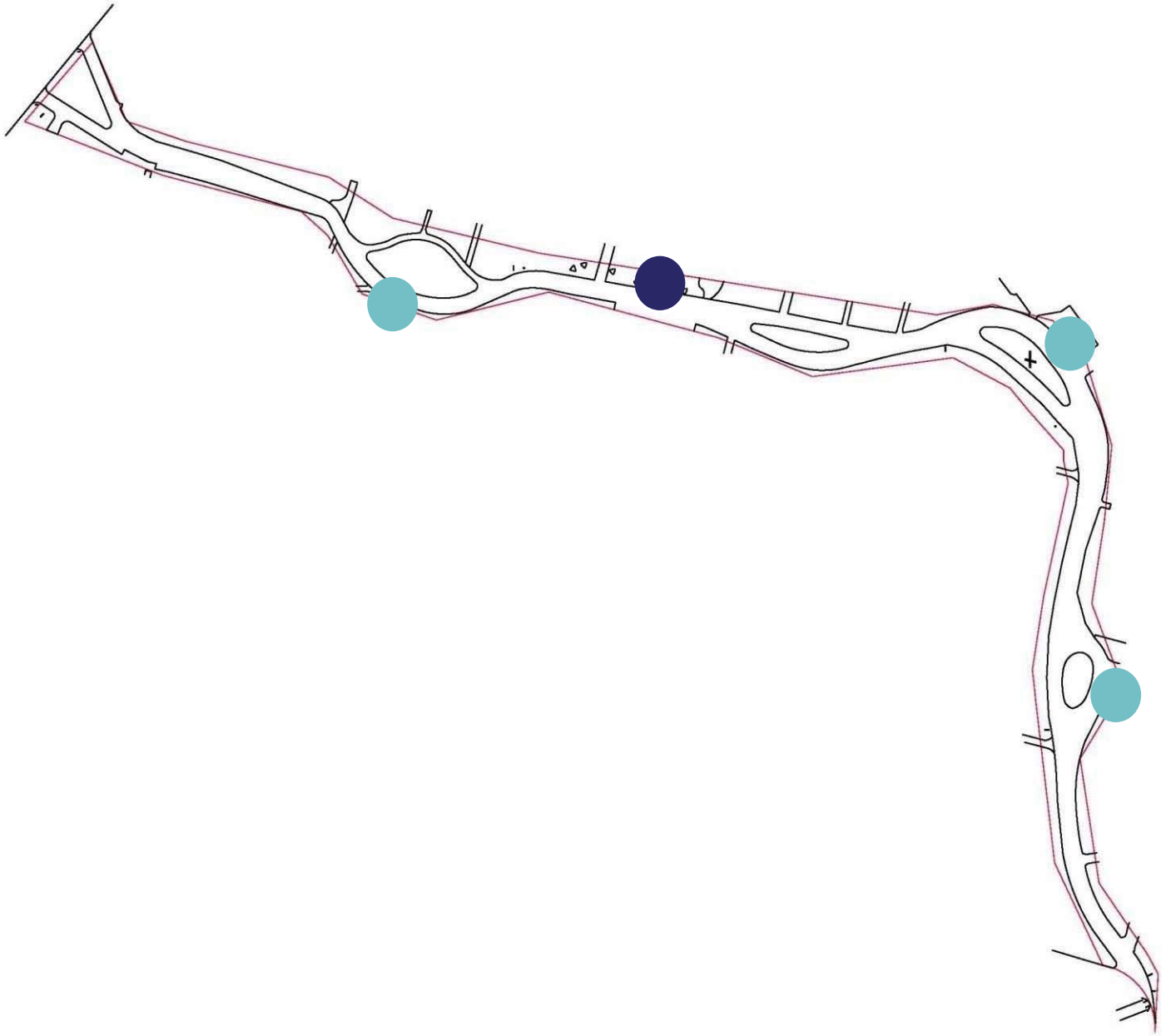
remove and reconstruct existing pavement and sub base



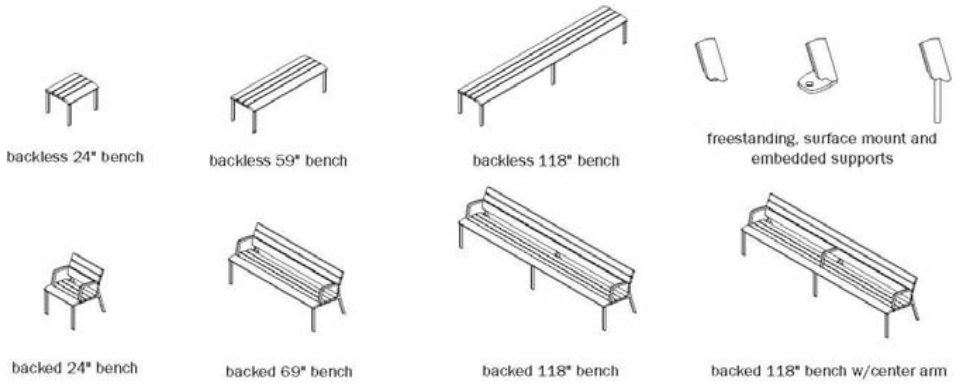
add new drain inlet if necessary depending on flow length and slope to existing inlet

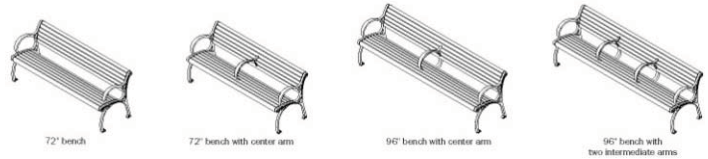
other amenities

bench plan

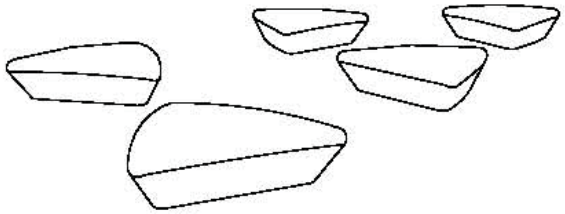


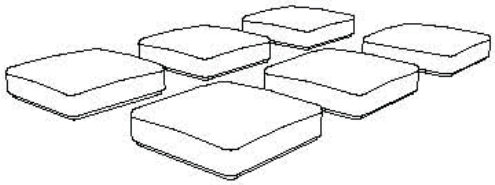
bench considerations

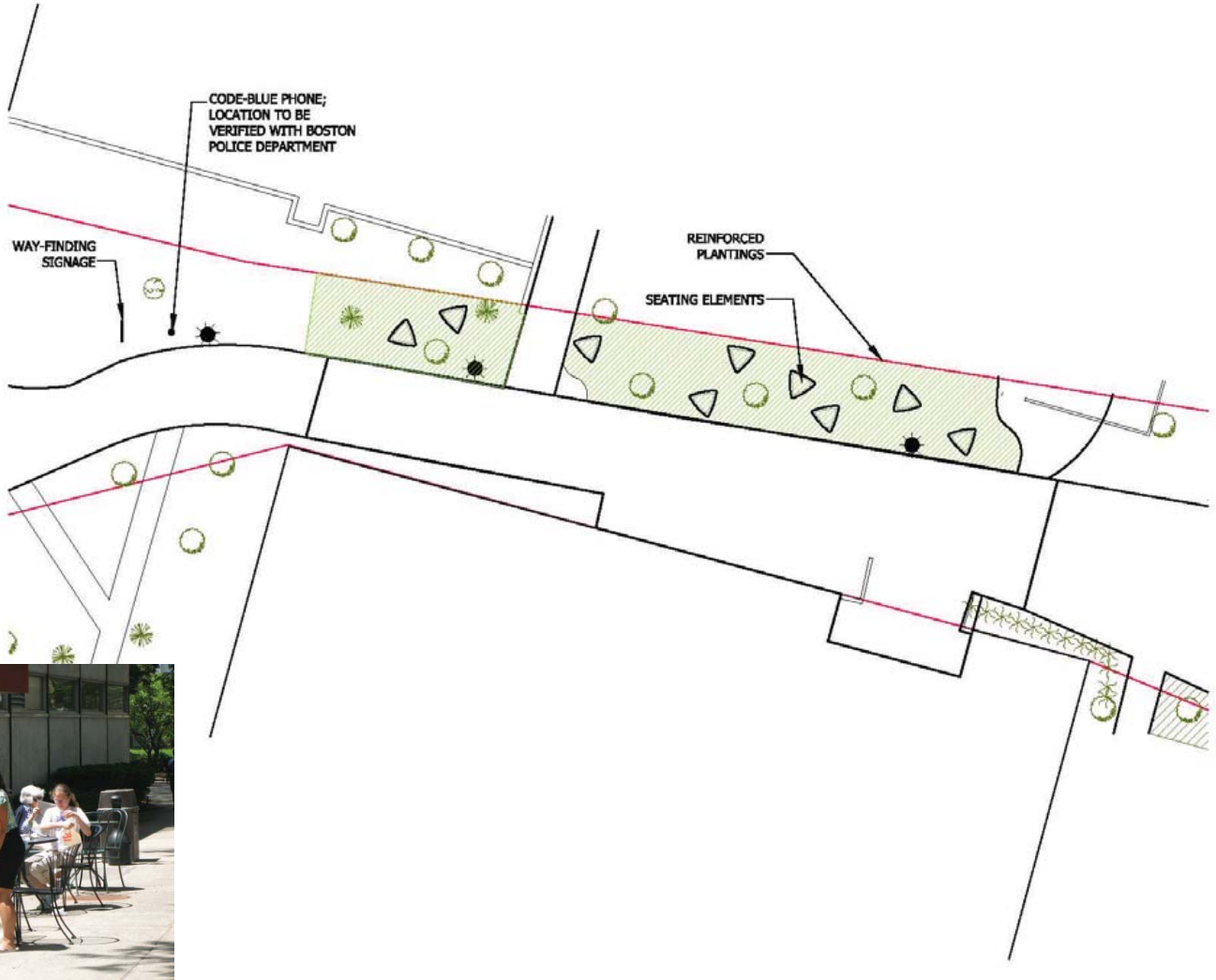




backless seating elements

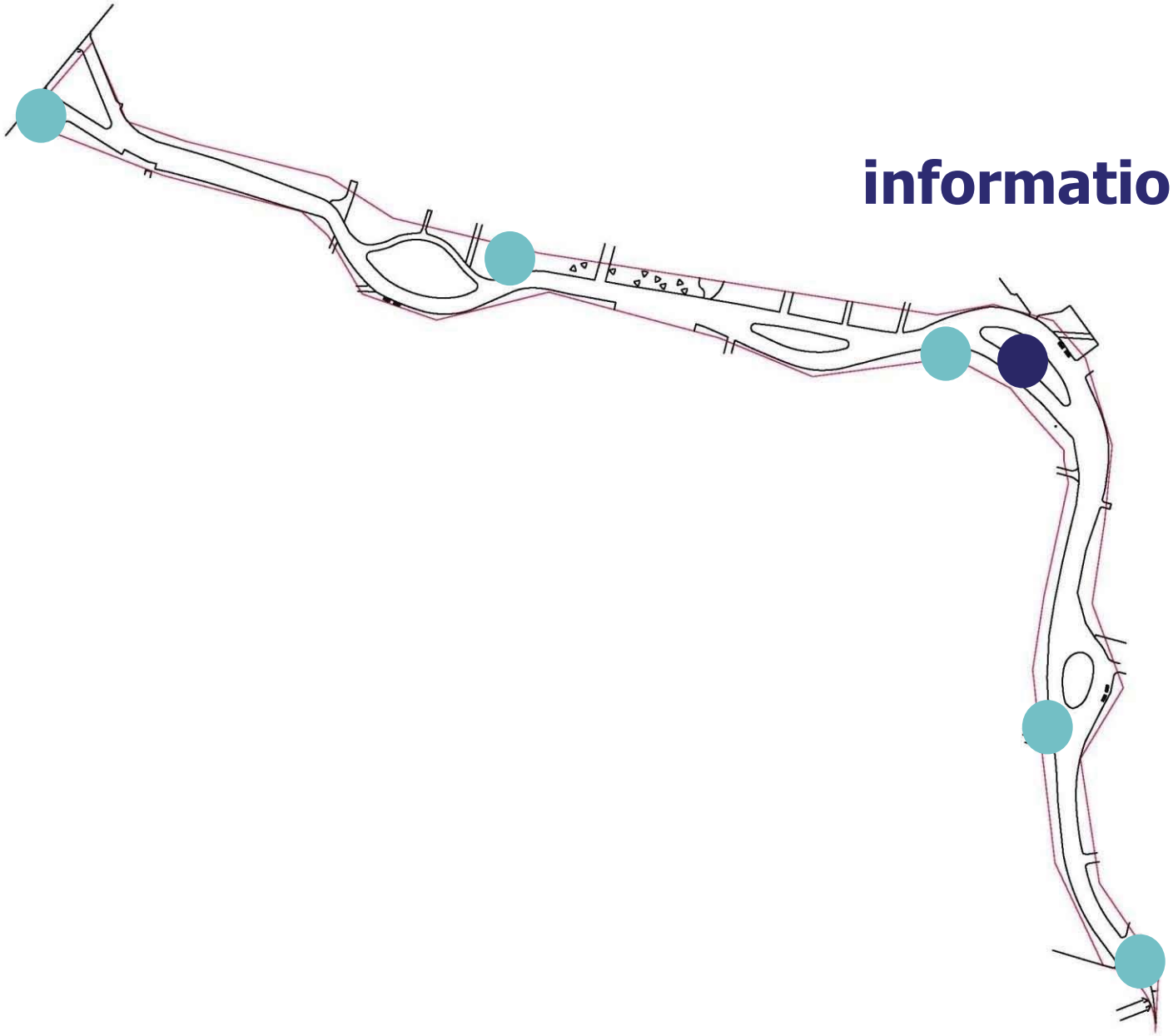






signage

way-finding signs



informational sign

composite illustrative plan

thoreau path