

FLOOD MANAGEMENT

Palembang Case

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Bali Nusa Nusa Convention Center (BNDCC)

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PALEMBANG

During
Flood in the
Past

ROADS IN PALEMBANG



CITY

Length 690 KM



PROVINCE

Length 41 KM



NASIONAL

Length 60 KM

Problems

*Over dimension
overload*

Roads and
sidewalks are
used not in
accordance with
their intended
purposes

Utility excavation
that are not
carried out
properly

Road drainage is
not functioning
properly

Road network
development
plans in spatial
patterns and
urban spatial
structure are not
integrated with
all stakeholders

Budget constraint
in the development
and maintenance



Some efforts conducted in maintaining the roads



**FLOOD CONTROL PUMPS
AND
WEIR RIVER RETENTION PONDS**



Flood Control Pumps



Location #1: Sungai Baung



Location #2: JL. KAPT. A. RIVAI



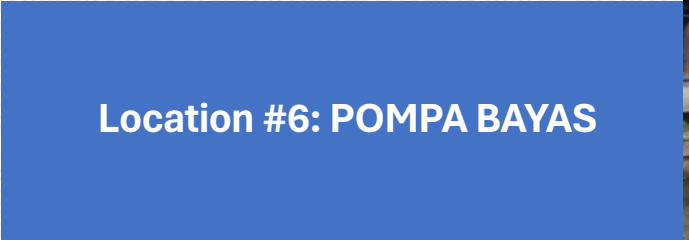
Location #3: JL. BAY SALIM



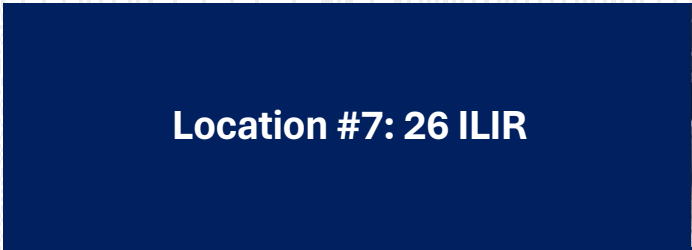
Location #4: JALAN MAYOR RUSLAN



Location #5: JL. VETERAN



Location #6: POMPA BAYAS



Location #7: 26 ILIR



Flood Control Pump Development Planning



Location: Citra Damai Retention Pump

CULVERT BOX and U DITCH (PRE CAST)

TOTAL 1.039 UNIT



Jl. Letkol Iskandar 254 meter



Jl. Jend. Sudirman 187 meter



Jl. Lapangan Hatta 232 meter

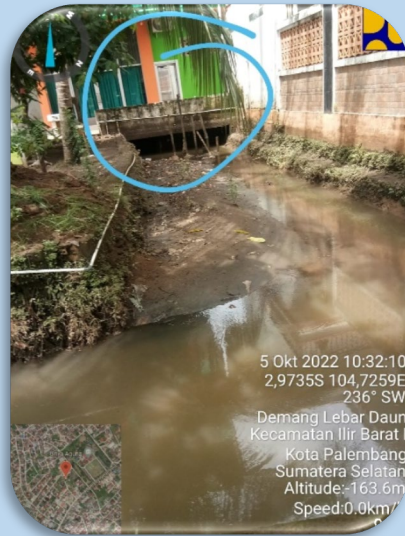


Jalan Ryacudu 353 meter



Jalan Dr. M. Isa 130 meter

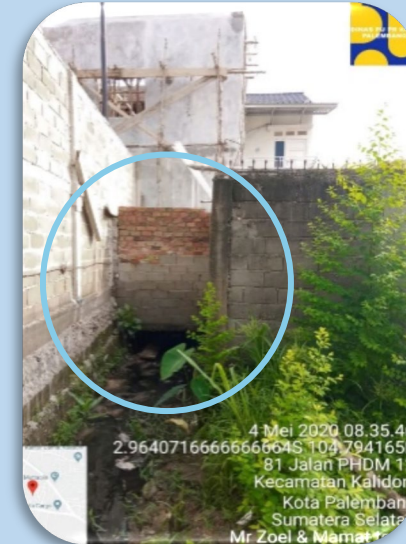
Field Condition



Buildings on the top of the channel



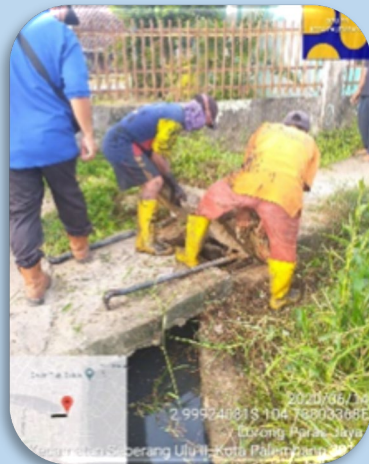
Sedimentation



Building Block



Waste



Narrow Channel



Utility inside the channel

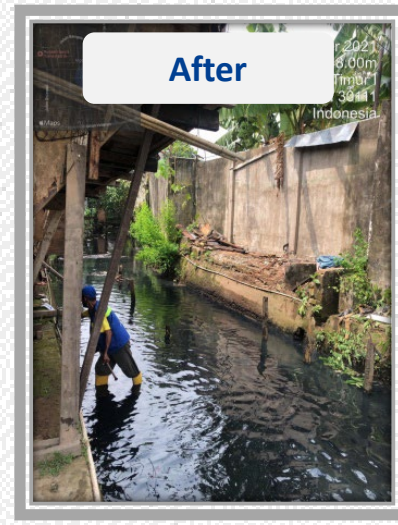
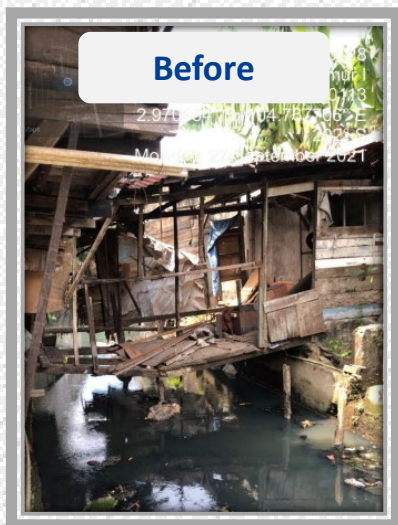


Swamp Filling

Restoring Water Space Process



Approaches to the building owners



Total up to 300 buildings



Conclusion

1


Sustainable urban development have to be set in line with City Regional Spatial Plan for all parties (public, private, government)

2

Innrastructure problems are occurs due to lack of internal dicipline infrastructure utilization.

3

Colaboration of all stakeholders from regulation to implementation should be done based on their duties and functions.



DINAS PEKERJAAN UMUM
&
PENATAAN RUANG
KOTA PALEMBANG

TERIMA KASIH

BEKERJA KERAS

BERGERAK CEPAT

BERTINDAK TEPAT