

KATEDRA GEOTECHNIKI I MECHANIKI KONSTRUKCJI
PROPOZYCJE TEMATÓW PRAC DYPLOMOWYCH
MAGISTERSKICH (studia drugiego stopnia)
NA ROK AKADEMICKI 2021/2022
(termin złożenia pracy 30.09.2022)
(KONTAKT DO SEKRETARIATU KATEDRY: wb.kgimk@pb.edu.pl)

KIERUNEK STUDIÓW: CIVIL ENGINEERING	
<i>Promotor/e-mail:</i>	Prof. dr hab. inż. Katarzyna Zabielska-Adamska; kadamska@pb.edu.pl
<i>Kierunek – specjalność</i>	<i>Civil Engineering - master of science</i>
<i>Temat:</i>	Road embankment on soft soil
<i>Zakres pracy:</i>	1. Literature review concerning various types of soil improvement 2. Column as a structure for subsoil improving 3. Design of road on soft soil improved by Geotextile Encased Columns 4. Analysis and conclusions
<i>Słowa kluczowe:</i>	soft soil, geosynthetic reinforcement, sand columns, GEC, subgrade improvement
<i>Temat:</i>	Cut and cover construction method of pedestrian underpass
<i>Zakres pracy:</i>	1. Literature review concerning various types of pedestrian underpass 2. Designing the pedestrian underpass in the shallow excavation 3. Cut and cover method for pedestrian underpass 4. Analysis and conclusions
<i>Słowa kluczowe:</i>	pedestrian underpass, shallow excavation, cut and cover construction method