In [66]:
```
for i in os.listdir("test_images/"):
    image = mpimg.imread('test_images/'+i)
    gray = grayscale(image)                                     #convert to gray
    kernel_size = 5                                             #set kernelsize
    blur_gray = gaussian_blur(gray, kernel_size)                #make gblur
    low_threshold = 10                                          #P's for canny
    high_threshold = 190                                        #P's for canny
    edges = canny(blur_gray, low_threshold, high_threshold)     #do canny
    vertices = np.array([[(100,500), (500,310), (950, 500)]]) #set the polygon
    mimg = region_of_interest(edges, vertices)                  #mask the view
    #ming = mimg[mimg.shape[0]//2:,:]
    himg = hough_exp_lines(mimg, 1, np.pi/180, 10, 40, 20)        #adjust the hough trans and create the l-picture
    wimg = weighted_img(himg, image)

    f, (ax1, ax2) = plt.subplots(1, 2, figsize=(24, 9))
    f.tight_layout()
    ax1.imshow(himg)
    ax2.imshow(wimg)
    plt.subplots_adjust(left=0., right=1, top=0.9, bottom=0.)
```